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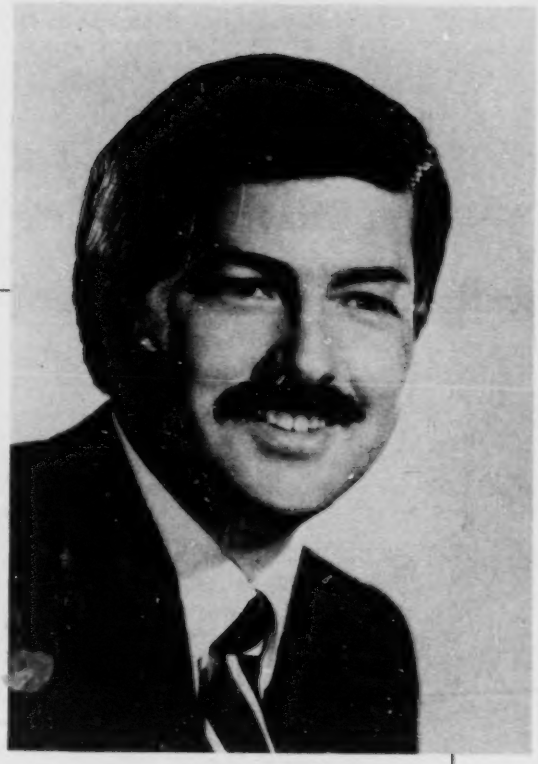

**Office of the Governor**

STATE CAPITOL
DES MOINES, IOWA 50319

Dear Friend,

If the contribution of Iowa's Tradition of Excellence had to be summed up in one word, it would be quality. It surfaces in everything from our fine Iowa foods and dependable manufactured products to our well-educated workforce.

Any true appreciation of this state must be based on facts. The statistics in this book give you the figures you need to understand what makes this state outstanding. Staff from the Iowa Development Commission will enjoy answering additional questions you might have.

Those of us with strong, Iowa roots are proud of our heritage. Statistics and charts fall short of accurately capturing the warm people and the high quality of our lifestyle. I'd like to extend a personal invitation to each of you to experience Iowa for yourself.

Sincerely,

Terry E. Branstad

Terry E. Branstad
Governor of Iowa

# IOWA

**A tradition of excellence**

# *1983 STATISTICAL PROFILE OF IOWA*

**Prepared by**
*THE IOWA DEVELOPMENT COMMISSION*
250 Jewett Building
Des Moines, Iowa 50309

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DAVID H. SWANSON
**Director**

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# definitions

**Standard Metropolitan Statistical Area:** An Iowa SMSA is a county or group of contiguous counties which contains at least one city of at least 50,000 inhabitants or "twin cities" with a combined population of at least 50,000. Contiguous counties are included in an SMSA if, according to certain Census Bureau criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city.

Cedar Rapids (Linn County)

Davenport-Rock Island-Moline, Iowa-Illinois
(Scott County, Iowa; Henry County, Illinois; Rock Island County, Illinois)

Des Moines (Polk County prior to release of 1972 Census information, beginning with 1972 Census information Warren County is included as part of the Des Moines SMSA)

Dubuque (Dubuque County)

Iowa City (Johnson County)

Omaha, Nebraska-Iowa
(Douglas County, Nebraska; Sarpy County, Nebraska; Pottawattamie County, Iowa)

Sioux City, Iowa-Nebraska
(Woodbury County, Iowa; Dakota County, Nebraska)

Waterloo (Black Hawk County)

**Urbanized Area:** An urbanized area consists of a central city, or cities, including the closely surrounding settled territory that is urban in character, but excluding the rural portions of extended cities. Criteria for an urbanized area is as follows: a central city or cities of 50,000 or more inhabitants, incorporated places of 2,500 inhabitants, provided that the place has a closely settled area of 100 or more housing units, small areas of land having a density of 1,000 or more inhabitants per square mile, and certain other similar small areas.

The definition of Urban Population was changed in 1950; therefore, data for Urban and Rural Population after 1950 is not strictly comparable to earlier years. Current urban population comprises all persons living in urbanized areas and in places of 2,500 inhabitants outside of urbanized areas. Rural population is all population not classifed as urban.

**Incorporated Place:** A political unit incorporated as a city, town, borough, or village usually recognized as a thickly settled center of population. Population changes may reflect annexations or detachments as well as the changes in number of inhabitants.

**Unincorporated Places:** A delineated boundary for closely settled population centers without corporate limits. A place having the same name in 1970 as in previous periods may not necessarily have the same boundary.

**The Midwest:** A regional area encompassing Iowa, Minnesota, South Dakota, Nebraska, Kansas, Missouri, Illinois and Wisconsin.

Iowa's 16 multi-county program planning areas.

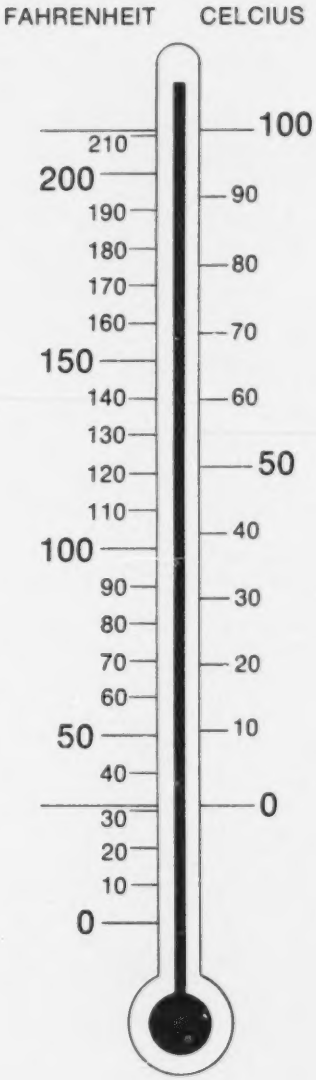
# metric conversion table

In the metric system, temperature is measured in degrees Celsius. Water freezes at 0 degrees Celsius and boils at 100 degrees Celsius.

If the temperature outside were 20 degrees Fahrenheit, you'd need to wear a heavy winter coat, but 20 degrees Celsius is good corn planting weather. Normal body temperature is 37 degrees Celsius or 98.6 degrees Fahrenheit.

Degrees Celsius = 5/9 × (Degrees Fahrenheit − 32)

Degrees Fahrenheit = 9/5 × C° + 32




**Length**

| to Metric | from Metric |
|---|---|
| 1 inch = 2.54 centimeters | 1 millimeter = 0.039 inch |
| 1 foot = 0.3048 meter | 1 centimeter = 0.3937 inch |
| 1 yard = 0.9144 meter | 1 meter = 3.281 feet |
| 1 mile = 1.6093 kilometers | 1 kilometer = 0.6214 mile |

**Weight**

| | |
|---|---|
| 1 ounce = 28.35 grams | 1 gram = 0.0353 ounce |
| 1 pound = 0.4536 kilogram | 1 kilogram = 2.205 pounds |
| 1 short ton = 0.9072 metric ton | 1 metric ton = 1.1023 short tons |

**Volume**

| | |
|---|---|
| 1 cubic inch = 16.39 milliliters | 1 milliliter = 0.06 cubic inch |
| 1 quart = 0.9463 liter | 1 liter = 1.0567 quarts |
| 1 gallon = 3.785 liters | 1 cubic meter = 1.308 cubic yards |
| 1 cubic yard = 0.7646 cubic meter | 1 hectare = 2.47 acres |
| 1 acre = 0.405 hectare | |

In other words:

- *the length of an average kernel of field corn is approximately 1 centimeter.
- *the diameter of the wire in a paper clip is approximately 1 millimeter.
- *when you're traveling 55 mph, you're also traveling at 88 kilometers/h.
- *three kernels of corn equal 1 gram (454 grams equal 1 pound).
- *a 1,100 pound steer equals a 500 kilogram steer.
- *a 220 pound market hog also weighs 100 kilograms.
- *approximately 40 bushels of corn are equal to 1 metric ton.
- *a yield of 159 bushels of corn per acre is equal to a yield of 10 metric tons per hectare.

# IOWA

A tradition of excellence

## ECONOMIC SECTORS

# Iowa farming outproduces the rest

Iowa farmers produced more than $10 billion in crops and livestock in 1981—28% of America's pork and 11% of the nation's grain fed beef.

Iowa ranked first in corn production (1.73 billion bushels) and second in soybean production (330 million bushels) in 1981.

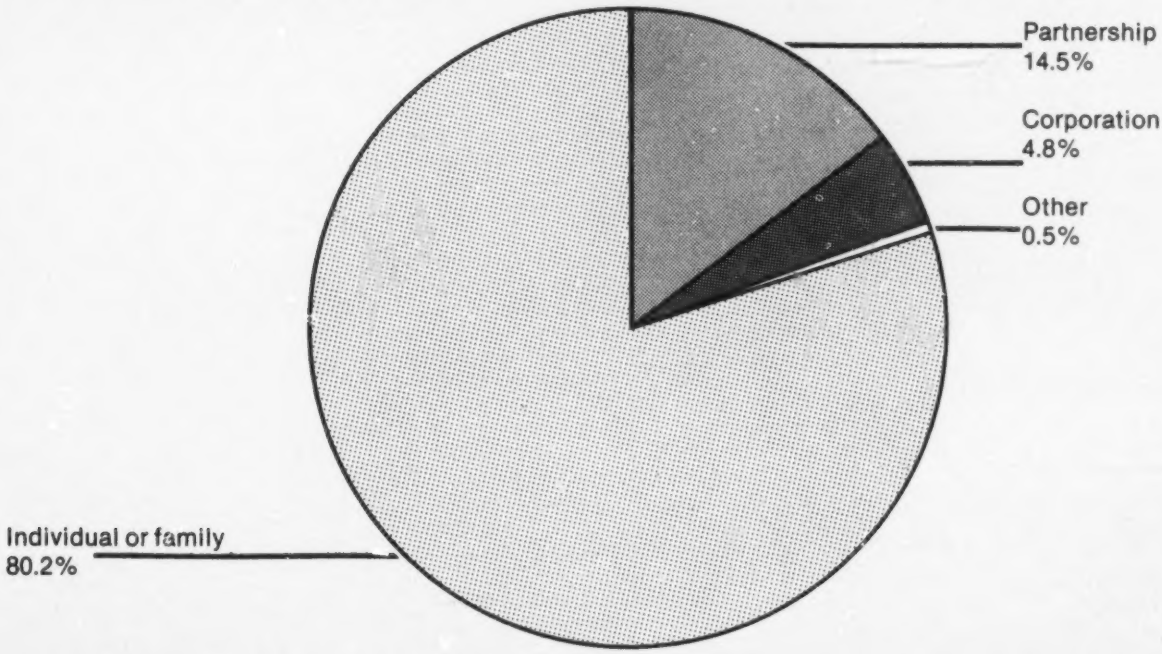
Iowa is truly the heartland of American agriculture.

# characteristics of Iowa farmers

| Operators by age group | 1969 | 1974 | 1978 |
|---|---|---|---|
| Under 25 years | 3,600 | 4,280 | 7,104 |
| 25 to 34 years | 18,734 | 15,835 | 20,930 |
| 35 to 44 years | 31,235 | 24,153 | 24,753 |
| 45 to 54 years | 39,255 | 33,668 | 30,983 |
| 55 to 64 years | 33,543 | 31,404 | 29,596 |
| 65 years and over | 14,347 | 15,355 | 13,090 |
| Average age | 48.5 | 49.3 | 47.2 |

Source: 1978 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.

# Iowa farms by type of organization, 1978




Source: 1978 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.

# realized gross and net income from farming, Iowa (millions)

| Year | Realized Gross Income: Cash Receipts From Farm Marketings | Government Payments | Non-money Income | Other Farm Income | Realized Gross Farm Income | Farm Production Expenses | Realized Net Farm Income | Net Change In Farm Inventories | Total Net Farm Income |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | $ 2,480.8 | $ 20.8 | $132.3 | $ 11.8 | $ 2,645.6 | $ 1,943.4 | $ 702.2 | -89.8 | $ 612.4 |
| 1965 | 3,061.1 | 228.8 | 150.4 | 21.1 | 3,461.5 | 2,462.1 | 999.4 | 87.0 | 1,086.4 |
| 1967 | 3,467.9 | 142.8 | 169.7 | 28.8 | 3,809.5 | 2,937.3 | 872.0 | 41.6 | 913.6 |
| 1968 | 3,451.5 | 246.3 | 177.9 | 32.3 | 3,907.9 | 3,086.9 | 821.0 | 38.8 | 859.8 |
| 1969 | 3,872.1 | 260.4 | 190.0 | 36.0 | 4,358.4 | 3,217.7 | 1,140.7 | -46.6 | 1,094.1 |
| 1970 | 4,139.8 | 235.8 | 188.6 | 34.7 | 4,599.0 | 3,464.0 | 1,135.0 | -84.4 | 1,050.6 |
| 1971 | 3,972.1 | 203.5 | 196.0 | 41.3 | 4,412.8 | 3,627.0 | 785.9 | 35.6 | 821.4 |
| 1972 | 4,730.8 | 318.5 | 210.0 | 42.4 | 5,301.8 | 4,195.2 | 1,106.6 | 136.2 | 1,242.8 |
| 1973 | 6,989.8 | 186.2 | 234.7 | 52.4 | 7,463.1 | 5,112.8 | 2,350.8 | 300.1 | 2,650.4 |
| 1974 | 7,456.5 | 16.6 | 285.0 | 64.0 | 7,822.2 | 5,508.8 | 2,313.4 | 864.9 | 1,448.5 |
| 1975 | 6,494.5 | 53.1 | 336.1 | 80.6 | 6,964.3 | 5,923.8 | 1,040.5 | 591.2 | 1,631.7 |
| 1976r | 7,090.8 | N/A | 407.2 | 88.7 | 7,613.5 | 6,544.0 | 1,069.5 | N/A | 883.1 |
| 1977r | 6,896.1 | 28.9 | 537.6 | 101.5 | 7,564.1 | 7,054.7 | 509.3 | 362.6 | 872.0 |
| 1978r | 8,549.2 | 271.0 | 577.1 | 111.1 | 9,508.4 | 7,982.1 | 1,526.3 | 420.8 | 1,947.2 |
| 1979r | 9,258.7 | 69.2 | 687.3 | 139.1 | 10,154.4 | 9,203.9 | 950.4 | 635.4 | 1,585.8 |
| 1980 | 10,040.0 | 44.6 | 772.3 | 144.7 | 11,001.6 | 10,272.8 | 728.7 | -174.3 | 554.4 |
| 1981 | 10,715.4 | 58.17 | 871.3 | 170.3 | 11,815.2 | 10,223.6 | 1,591.6 | +278.1 | 1,869.7 |

N/A - Not Available
r Revised figures.
Source: Economic Indicators of the Farm Sector: State Balance Sheet Statistics, 1981. National Economic Division, Economic Research Service, U.S.D.A.

# workers, number, average size and ownership, Iowa farms[1]

| Year[2] | Farm Workers (Hired & Owners)[3] | Number of Farms | Average Size (Acres) | Total Land in Farms (1,000 Acres) | Owned by Operator % of Total | Rented by Operator % of Total |
|---|---|---|---|---|---|---|
| 1960[4] | 289,000 | 174,707 | 190 | 33,851 | 45.2 | 54.8 |
| 1965[5] | 248,000 | 154,162 | 219 | 33,758 | 45.4 | 54.6 |
| 1970[4] | 210,000 | 140,354 | 237 | 33,570 | 50.7 | 49.3 |
| 1973 | 201,000 | 139,000 | 247 | 34,300 | N/A | N/A |
| 1974[3] | 199,000 | 126,104 | 262 | 33,045 | 50.7 | 49.3 |
| 1975 | 213,000 | 130,000 | 262 | 34,100 | N/A | N/A |
| 1976 | 224,000 | 127,000 | 269 | 33,900 | N/A | N/A |
| 1977 | 213,000 | 125,000 | 273 | 33,800 | N/A | N/A |
| 1978[5] | 216,000 | 126,456 | 266 | 33,561 | 46.5 | 53.5 |
| 1979 | 213,000 | 121,000 | 281 | 33,800 | N/A | N/A |
| 1980 | 192,000 | 119,000 | 286 | 33,800 | N/A | N/A |
| 1981[r] | 143,500 | 118,000 | 286 | 33,800 | N/A | N/A |
| 1982[e] | 144,000 | 117,000 | 289 | 33,800 | N/A | N/A |

[1]A farm is defined as a place with annual receipts of $1,000 or more of agricultural products.
[2]Iowa Crop and Livestock Reporting Service, USDA.
[3]Farm Labor, Crop Reporting Board, Statistical Reporting Service, USDA.
[4]1969 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.
[5]1978 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.
[e]Estimated as of July 11, 1982.
N/A - Not Available

# wage rates[1] for selected farm workers, midwest 1982[2]

| | Field Workers | Livestock Workers | Field & Livestock Workers Combined | All Hired Farm Workers |
|---|---|---|---|---|
| Illinois | $3.53 | $4.17 | $3.85 | $3.69 |
| Indiana | 3.82 | 3.96 | 3.89 | 3.88 |
| IOWA | 3.45 | 3.64 | 3.55 | 3.65 |
| Kansas | 4.30 | 3.77 | 4.03 | 3.95 |
| Michigan | 3.82 | 4.14 | 3.98 | 4.22 |
| Minnesota | 3.43 | 4.30 | 3.87 | 3.84 |
| Missouri | 4.18 | 3.95 | 4.06 | 4.07 |
| Nebraska | 3.86 | 3.91 | 3.88 | 3.91 |
| Ohio | 4.02 | 3.92 | 3.97 | 4.07 |
| Wisconsin | 2.94 | 3.49 | 3.22 | 3.42 |

[1]Dollars per hour.
[2]Rates for week of July 11, 1982.
Source: Agri News, Iowa Crop and Livestock Reporting Service.

# ten leading states, selected agricultural items 1981

| Item | Rank 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Iowa % of U.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of farms, 1981[1] | | | | | | | | | | | |
| Value of farm real estate — 1980 | | | | | | | | | | | |
| **rops — 1981[2]** | | | | | | | | | | | |
| Total acreage of principal crops harvested | IOWA | Texas | Ill. | N.D. | Minn. | Kans. | Neb. | S.D. | Mo. | Ind. | 7 |
| Corn for grain | IOWA | Ill. | Neb. | Minn. | Ind. | Wis. | Ohio | Mich. | Mo. | S.D. | 21 |
| Corn for silage | Wis. | Minn. | N.Y. | IOWA | Neb. | Pa. | S.D. | Mich. | Ohio | Cal. | 7 |
| White corn | Texas | Ky. | Mo. | Tenn. | IOWA | Kans. | Ill. | Ind. | Ga. | Ala. | 8 |
| Popcorn | Neb. | Ind. | IOWA | Ky. | Ohio | Mo. | Ill. | Mich. | Kans. | 3. | 8 |
| Soybeans | Ill. | IOWA | Mo. | Ind. | Minn. | Ohio | Ark. | Neb. | Miss. | La. | 16 |
| Oats | Minn. | S.D. | IOWA | Wis. | N.D. | Mich. | Pa. | Texas | N.Y. | Ohio | 12 |
| Alfalfa hay and mixtures | Wis. | IOWA | Cal. | Minn. | Neb. | Idaho | Kans. | S.D. | Mont. | Mich. | 8 |
| All hay | Wis. | IOWA | Minn. | Cal. | Neb. | Texas | Mo. | Kans. | S.D. | N.Y. | 2 |
| **ivestock Inventory January 1, 1982** | | | | | | | | | | | |
| All cattle and calves | Texas | Neb. | IOWA | Kans. | Okla. | Mo. | Cal. | Wis. | S.D. | Minn. | 6 |
| Milk cows | Wis. | Cal. | N.Y. | Minn. | Pa. | Mich. | IOWA | Ohio | Texas | Mo. | 4 |
| Beef cows | Texas | Okla. | Mo. | Neb. | Kans. | IOWA | Mont. | S.D. | Fla. | Cal. | 4 |
| Cattle and calves on feed | Texas | Neb. | IOWA | Kans. | Colo. | Cal. | Ill. | Minn. | S.D. | Ariz. | 11 |
| All hogs — 12/1/1981 | IOWA | Ill. | Minn. | 4. | 4. | Mo. | Ohio | N.C. | Kans. | S.D. | 28 |
| Sheep and lambs on feed | Colo. | 5. | 5. | Wyo. | Ore. | 6. | 6. | 7. | 7. | Ariz. | 11 |
| Turkey breeder hens — 12/81 | N.C. | Minn. | Cal. | Texas | Mo. | Va. | Ohio | IOWA | Ga. | Mich. | 3 |
| **ivestock Production in 1981** | | | | | | | | | | | |
| Cattle and calf | Texas | Neb. | IOWA | Kans. | Okla. | S.D. | Cal. | Mo. | Minn. | Colo. | 7 |
| Feed cattle marketed | Neb. | Texas | Kans. | IOWA | Colo. | Cal. | Ill. | Minn. | S.D. | Okla. | 12 |
| Hog production | IOWA | Ill. | Minn. | Ind. | Neb. | Mo. | N.C. | Kans. | Ohio | S.D. | 26 |
| Sheep production | Texas | S.D. | Cal. | Wyo. | Colo. | Idaho | Utah | Mont. | Ore. | IOWA | 4 |
| Turkey production | N.C. | Cal. | Minn. | Ore. | Mo. | Va. | IOWA | Texas | Ind. | Wis. | 5 |
| Calf crop | Texas | Mo. | Okla. | Wis. | Neb. | IOWA | Kans. | S.D. | Cal. | Mont. | 4 |
| Pig crop | IOWA | Ill. | Minn. | Mo. | Neb. | Ind. | N.C. | Ohio | Kans. | Wis. | 26 |
| Turkeys raised | N.C. | Minn. | Cal. | Ark. | Mo. | Va. | Texas | IOWA | Ind. | Wis. | 4 |
| Commercial cattle slaughter | Neb. | Texas | Kans. | IOWA | Cal. | Colo. | Wis. | Minn. | Ill. | Idaho | 10 |
| Commercial hog slaughter | IOWA | Ill. | Mich. | Minn. | Ohio | Neb. | Mo. | S.D. | Tenn. | Va. | 27 |
| Commercial sheep slaughter | Cal. | Colo. | Texas | Minn. | S.D. | Ill. | Mich. | Wash. | Pa. | IOWA | 2 |
| Milk production | Wis. | Cal. | N.Y. | Minn. | Pa. | Mich. | Ohio | IOWA | Texas | Wash. | 3 |
| Creamery butter | Wis. | Cal. | Minn. | Pa. | N.Y. | Wash. | Mich. | Mo. | Ohio | IOWA | 2 |
| American cheese | Wis. | Minn. | IOWA | Idaho | N.Y. | S.D. | Mo. | Utah | N.D. | Cal. | 4 |
| Total cheese | Wis. | Minn. | N.Y. | IOWA | Cal. | Idaho | Pa. | Mo. | Ill. | Ohio | 5 |

New definition—farms w/annual sales of agricultural products of $1,000 or more.
Crop acreages included are corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flax seed, peanuts, popcorn, cotton, all hay, dry beans, potatoes, sweet potatoes, tobacco, sugar cane and sugar eets.
No other significant producers.
Tie between Nebraska and Indiana.
Tie between Texas and California.
Tie between Iowa and Nebraska.
Tie between Minnesota and Kansas.
Source: Iowa Crop and Livestock Reporting Service.

# net income[1] per farm[2], midwest (dollars)

| STATE | 1960 | 1965 | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| OWA | $3,347 | $6,896 | $7,434 | $11,998 | $15,831 | $13,106 | $ 4,659 | $15,845 |
| Minnesota | 2,918 | 4,124 | 6,772 | 9,186 | 13,660 | 13,820 | 11,120 | 16,590 |
| South Dakota | 4,668 | 5,600 | 6,941 | 10,498 | 10,685 | 13,480 | 4,980 | 12,601 |
| Nebraska | 3,534 | 5,141 | 6,442 | 14,707 | 9,409 | 14,098 | 1,987 | 15,166 |
| Kansas | 3,609 | 3,879 | 6,208 | 7,984 | 9,274 | 16,655 | 7,165 | 5,313 |
| Missouri | 2,163 | 3,072 | 2,935 | 4,438 | 7,028 | 10,118 | 2,553 | 5,222 |
| Illinois | 3,377 | 5,507 | 4,788 | 17,691 | 11,011 | 17,906 | 1,951 | 15,276 |
| Wisconsin | 2,802 | 3,939 | 5,273 | 7,428 | 10,688 | 15,465 | 14,554 | 13,545 |
| Indiana | 2,629 | 4,439 | 3,262 | 9,551 | 8,304 | 11,411 | 6,355 | 8,225 |
| Ohio | 2,168 | 2,592 | 3,224 | 6,536 | 6,000 | 8,605 | 4,755 | 2,824 |
| U. S. | 2,907 | 3,843 | 4,790 | 8,637 | 10,860 | 13,456 | 8,180 | 10,312 |

Includes changes in inventories and represents income of farm operator.
A farm is a place with annual sales of agricultural products of $1,000 or more.
Source: Economic Indicators of the Farm Sector; State Income and Balance Sheet Statistics, 1981; National Economic Division, Economics Research Service, U.S.D.A.

# cash receipts from sale of farm produce, Iowa (thousands)

| | 1965 | % of Total | 1970 | % of Total | 1975 | % of Total | 1979 | % of Total | 1980 | % of Total | 1981 | % of Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| All Commodities | [illegible] | [illegible] | $4,129,900 | 100.0 | [illegible] | [illegible] | $9,249,868 | 100.0 | [illegible] | [illegible] | $10,715,460 | 100.0 |
| Livestock Products | [illegible] | [illegible] | 2,853,411 | 69.1 | [illegible] | [illegible] | 5,527,939 | 59.8 | [illegible] | [illegible] | 5,725,464 | 53.4 |
| Meat Animals | [illegible] | [illegible] | 2,528,795 | 61.2 | [illegible] | [illegible] | 4,931,006 | 53.3 | [illegible] | [illegible] | 4,990,507 | 46.6 |
| Cattle Calves | [illegible] | [illegible] | 1,431,168 | 34.6 | [illegible] | [illegible] | 2,688,621 | 29.1 | [illegible] | [illegible] | 2,502,400 | 23.4 |
| Hogs | [illegible] | [illegible] | 1,074,409 | 26.0 | [illegible] | [illegible] | 2,228,335 | 24.0 | [illegible] | [illegible] | 2,474,050 | 23.1 |
| Sheep Lambs | [illegible] | [illegible] | 23,218 | .5 | [illegible] | [illegible] | 14,050 | .2 | [illegible] | [illegible] | 14,057 | .1 |
| Dairy Products | [illegible] | [illegible] | 220,719 | 5.4 | [illegible] | [illegible] | 443,647 | 4.8 | [illegible] | [illegible] | 562,231 | 5.2 |
| Misc. Livestock | [illegible] | [illegible] | 7,094 | .2 | [illegible] | [illegible] | 17,578 | .2 | [illegible] | [illegible] | 19,611 | .2 |
| Poultry & Eggs | [illegible] | [illegible] | 96,803 | 2.3 | [illegible] | [illegible] | 135,708 | 1.5 | [illegible] | [illegible] | 153,115 | 1.4 |
| Crops | [illegible] | [illegible] | 1,276,489 | 30.9 | [illegible] | [illegible] | 3,721,929 | 40.2 | [illegible] | [illegible] | 4,989,996 | 46.6 |
| Food Grains | [illegible] | * | 1,769 | * | [illegible] | [illegible] | 6,852 | * | [illegible] | [illegible] | 15,049 | .1 |
| Wheat | [illegible] | * | 1,697 | * | [illegible] | [illegible] | 6,852 | * | [illegible] | [illegible] | 15,049 | .1 |
| Feed Crops | [illegible] | [illegible] | 666,508 | 16.1 | [illegible] | [illegible] | 1,784,049 | 19.3 | [illegible] | [illegible] | 2,787,681 | 26.0 |
| Corn | [illegible] | [illegible] | 636,610 | 15.4 | [illegible] | [illegible] | 1,716,416 | 18.5 | [illegible] | [illegible] | 2,701,694 | 25.2 |
| Oats | [illegible] | [illegible] | 17,315 | .5 | [illegible] | [illegible] | 33,005 | .4 | [illegible] | [illegible] | 38,945 | .3 |
| Hay | [illegible] | [illegible] | 11,613 | .2 | [illegible] | [illegible] | 33,252 | .4 | [illegible] | [illegible] | 45,105 | .4 |
| Sorghum Grain | [illegible] | * | 921 | .1 | [illegible] | * | 1,376 | * | [illegible] | [illegible] | 1,937 | * |
| Oil Crops | [illegible] | [illegible] | 582,092 | 14.1 | [illegible] | [illegible] | 1,866,243 | 20.2 | [illegible] | [illegible] | 2,110,812 | 19.7 |
| Soybeans | [illegible] | [illegible] | 582,036 | 14.0 | [illegible] | [illegible] | 1,866,243 | 20.2 | [illegible] | [illegible] | 2,110,812 | 19.7 |
| Vegetables | [illegible] | [illegible] | 6,218 | .2 | [illegible] | [illegible] | 7,971 | * | [illegible] | * | N/A | N/A |
| Fruits, Nuts | [illegible] | * | 1,412 | * | [illegible] | * | 1,785 | * | [illegible] | * | N/A | N/A |
| All Other Crops | [illegible] | [illegible] | 18,490 | .5 | [illegible] | [illegible] | 61,625 | .6 | [illegible] | [illegible] | 69,023 | .6 |

*Less than .1%
Source: Iowa Livestock & Crop Reporting Service.

# federal farm payments by program, Iowa (thousands)

| Program | 1960 | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|
| Conservation | $ 6,467 | $ 8,832 | $ 7,233 | $ 7,163 | $ 6,557 | $ 7,615 | $ 7,523 |
| Sugar Act | 39 | 50 | — | — | — | — | — |
| Wool Act | 2,006 | 1,523 | — | — | — | — | — |
| Soil Bank | 12,283 | 5 | — | — | — | — | — |
| Feed Grain | — | 221,294 | 44,286 | 213,088 | 37,993 | 6,319 | 11,730 |
| Wheat | — | 809 | 460 | 650 | 63 | 96 | 972 |
| Cropland Adjustment | — | 3,302 | 668 | — | — | — | — |
| Drought and Flood | — | — | — | 949 | 136 | 7 | — |
| Miscellaneous | — | — | 474 | 49,137 | 24,440 | 30,526 | 37,945 |
| Total | 20,795 | 235,815 | 53,121 | 270,987 | 69,189 | 44,563 | 58,170 |

Source: Economic Indicators of the Farm Sector; State Income and Balance Sheet Statistics, 1981; National Economic Division, Economic Research Service, U.S.D.A., November, 1982.

# farm real estate average value of land and buildings per acre, midwest (dollars)

| | 1960 | 1965 | 1970 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 |
|---|---|---|---|---|---|---|---|---|---|---|
| Iowa | $257 | $279 | $392 | $648 | $801 | $1,009 | $1,222 | $1,268 | $1,458 | $1,706 |
| Minnesota | 155 | 167 | 226 | 354 | 461 | 561 | 627 | 730 | 854 | 1,008 |
| South Dakota | 51 | 62 | 84 | 129 | 160 | 180 | 202 | 227 | 257 | 292 |
| Nebraska | 89 | 111 | 154 | 246 | 289 | 364 | 408 | 385 | 470 | 536 |
| Kansas | 101 | 123 | 159 | 265 | 314 | 349 | 384 | 380 | 437 | 498 |
| Missouri | 115 | 155 | 224 | 374 | 394 | 435 | 472 | 602 | 674 | 816 |
| Illinois | 316 | 372 | 490 | 788 | 952 | 1,184 | 1,497 | 1,581 | 1,786 | 1,929 |
| Wisconsin | 133 | 155 | 232 | 401 | 451 | 508 | 568 | 690 | 807 | 928 |
| Indiana | 264 | 311 | 420 | 629 | 783 | 952 | 1,154 | 1,303 | 1,498 | 1,723 |
| Ohio | 248 | 294 | 382 | 636 | 718 | 870 | 1,039 | 1,263 | 1,516 | 1,713 |
| 48 States | 116 | 146 | 193 | 310 | 354 | 403 | 445 | 498 | 599 | 641 |

[1]Preliminary
Source: Farm Estate Market Developments, U.S.D.A., December 1981.

# principal machines on Iowa farms

| | 1978 | 1979 | 1980r | 1981 | 1982 |
|---|---|---|---|---|---|
| Wheel and Crawler Tractors | 303,200 | 300,600 | 328,292 | 329,300 | 324,800 |
| Self-propelled Combines | 44,800 | 45,500 | 55,889 | 63,000 | 64,400 |
| Corn Pickers, Corn Heads & Picker-Shellers | 46,800 | 49,000 | 53,427 | 60,400 | 62,200 |
| Pick-up Balers | 38,000 | 36,700 | 34,400 | 42,000 | 42,900 |
| Side Delivery Rakes | 87,000 | 86,400 | 85,500 | 91,200 | 100,100 |
| Motor Trucks & Pickups | 145,500 | 146,000 | 148,000 | 149,000 | 149,900 |
| Power Elevators | 175,800 | 179,000 | 185,000 | 204,200 | 206,300 |
| Tractor Moldboard Plows | 218,400 | 216,400 | 235,000 | 223,300 | 221,200 |
| Field Forage Harvesters | 24,400 | 24,280 | 19,479 | 26,500 | 26,500 |
| Manure Spreaders | 105,100 | 103,300 | 110,000 | 113,600 | 110,500 |
| Corn Planters | 105,400 | 104,300 | 109,000 | 117,800 | 116,600 |
| Grain Drills | 58,300 | 57,700 | 59,600 | 67,400 | 66,700 |
| Hay Conditioners | 24,300 | 25,370 | 26,631 | 33,300 | 33,800 |

r = revised.
Source: Principal Machines on Farms — Implement & Tractor, Nov., 1982.

# farm equipment retail sales, Iowa

| | 1977 | 1978 | 1979 | 1980r | 1981e |
|---|---|---|---|---|---|
| Farm wheel tractors, 40 PTO horsepower and over | 8,396 | 9,679 | 9,671 | 7,136 | 6,091 |
| Self-propelled combines | 1,595 | 1,605 | 1,851 | 2,928 | 2,966 |

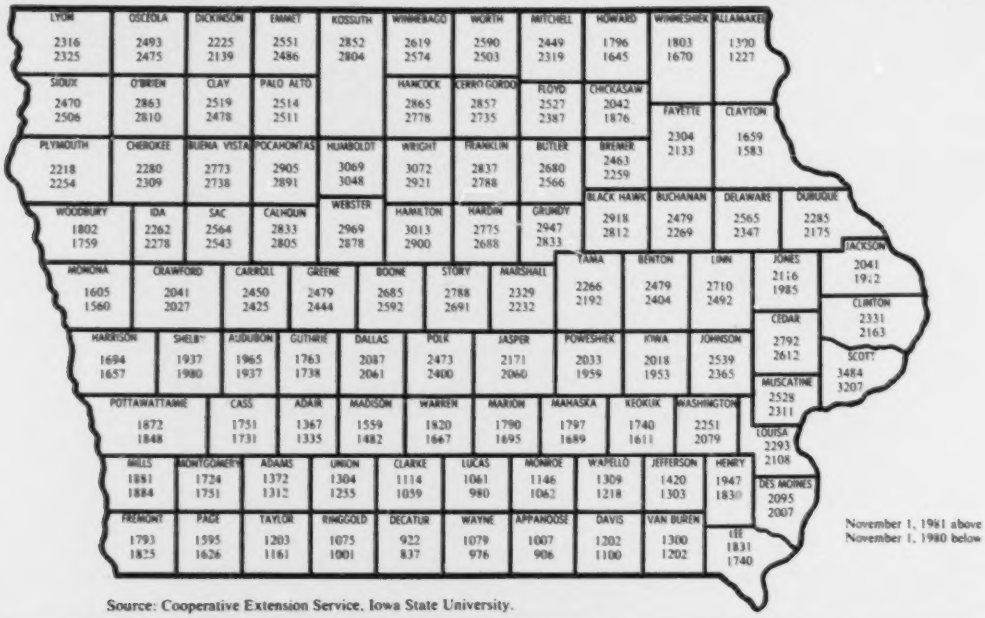
r = revised.
e = estimate.
Source: Unit Retail Sales — Implement & Tractor, November, 1982.

# U.S. and Iowa farmers are the world's most efficient

| | % of population Involved in Food Production | % of disposable Income Spent on Food | Positive food Trade Balance in Billion $ | Minutes Worked to Earn | | |
|---|---|---|---|---|---|---|
| | | | | 1 lb. Beef | 1 lb. Bread | 1 Dozen Eggs |
| United States | 2.3 | 14 | $ 18.0 | 16 | 4 | 6 |
| Australia | 6.0 | 17 | 5.0 | 22 | 4 | 11 |
| Brazil | 38.9 | 41 | 5.0 | 135 | 43 | 73 |
| China | 60.6 | 60 | –1.9 | 455 | N/A | 205 |
| France | 9.1 | 20 | .1 | 34 | 8 | 13 |
| India | 64.0 | 59 | .5 | N/A | 46 | 131 |
| Japan | 11.8 | 23 | –13.0 | 174 | 7 | 12 |
| Mexico | 36.9 | 41 | .4 | 132 | 52 | 62 |
| South Korea | 39.9 | 44 | –1.5 | 335 | N/A | 48 |
| Soviet Union | 17.3 | 34 | –8.1 | 60 | 8 | 71 |
| United Kingdom | 2.1 | 19 | –.8 | 57 | 4 | 16 |

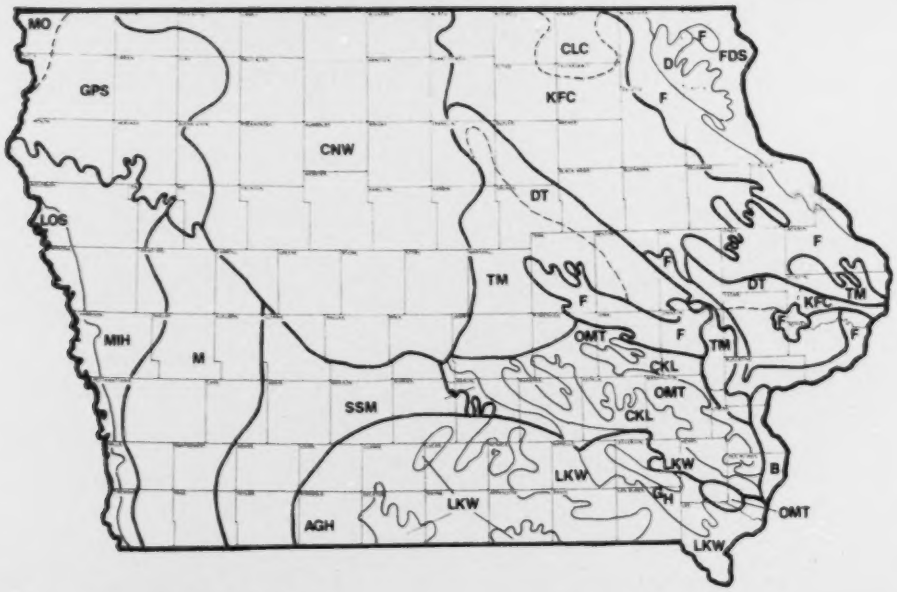
N/A = Not Available
Source: Agricultural Council of America

# average value of farm land, November 1, 1981




Source: Cooperative Extension Service, Iowa State University.

# principal soil-association areas, Iowa




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B | SOILS OF MISS. BOTTOMLAND | | GRADATIONAL BOUNDARY | | | | |
| — | TENTATIVE BOUNDARY | | ABRUPT BOUNDARY | | | | |
| AGH: | ADAIR-GRUNDY-HAIG | D: | DOWNS | GH: | GRUNDY-HAIG | MIH: | MONONA-IDA-HAMBURG |
| ASE: | ADAIR-SEYMOUR-EDINA | DT: | DINSDALE-TAMA | KFC: | KENYON-FLOYD-CLYDE | Mo: | MOODY |
| CKL: | CLINTON-KESWICK-LINDLEY | F: | FAYETTE | LKW: | LINDLEY-KESWICK-WELLER | OMT: | OTLEY-MAHASKA-TAINTER |
| CLC: | CRESCO-LOURDES-CLYDE | FDS: | FAYETTE-DUBUQUE-STONYLAND | LOS: | LUTON-ONAWA-SALIX | SSM: | SHELBY-SHARPSBURG-MACKSBURG |
| CNW: | CLARION-NICOLLET-WEBSTER | GPS: | GALVA-PRIMGHAR-SAC | M: | MARSHALL | TM: | TAMA-MUSCATINE |

SOURCE: Cooperative Extension Service, Iowa State University.

# number and average size of farms[1] iowa counties

| County and District | Number of farms | | | | Average acres per farm | | | |
|---|---|---|---|---|---|---|---|---|
| | 1979 | 1980 | 1981 | 1982[1] | 1979 | 1980 | 1981 | 1982[1] |
| Buena Vista | 1,270 | 1,250 | 1,250 | 1,250 | 279 | 283 | 284 | 284 |
| Cherokee | 1,200 | 1,180 | 1,180 | 1,180 | 299 | 304 | 305 | 305 |
| Clay | 1,040 | 1,030 | 1,030 | 1,030 | 317 | 340 | 339 | 338 |
| Dickinson | 670 | 660 | 660 | 660 | 340 | 343 | 343 | 341 |
| Emmet | 730 | 720 | 720 | 720 | 325 | 329 | 334 | 334 |
| Lyon | 1,410 | 1,390 | 1,390 | 1,390 | 260 | 264 | 264 | 264 |
| O'Brien | 1,260 | 1,240 | 1,240 | 1,240 | 281 | 285 | 286 | 286 |
| Osceola | 830 | 820 | 820 | 820 | 300 | 303 | 299 | 299 |
| Palo Alto | 1,060 | 1,050 | 1,050 | 1,050 | 330 | 333 | 330 | 330 |
| Plymouth | 1,920 | 1,890 | 1,890 | 1,890 | 281 | 286 | 286 | 286 |
| Pocahontas | 1,160 | 1,150 | 1,150 | 1,150 | 309 | 312 | 312 | 312 |
| Sioux | 1,950 | 1,920 | 1,920 | 1,920 | 240 | 244 | 245 | 245 |
| N.W. District | 14,500 | 14,300 | 14,300 | 14,300 | 291 | 295 | 294 | 294 |
| Butler | 1,540 | 1,520 | 1,520 | 1,500 | 231 | 236 | 237 | 237 |
| Cerro Gordo | 1,040 | 1,020 | 1,020 | 1,020 | 322 | 326 | 325 | 323 |
| Floyd | 1,150 | 1,130 | 1,130 | 1,120 | 267 | 271 | 272 | 275 |
| Franklin | 1,190 | 1,170 | 1,170 | 1,170 | 305 | 310 | 307 | 302 |
| Hancock | 1,240 | 1,220 | 1,220 | 1,210 | 287 | 291 | 290 | 292 |
| Humbolt | 870 | 860 | 860 | 850 | 309 | 313 | 311 | 315 |
| Kossuth | 1,960 | 1,930 | 1,930 | 1,920 | 309 | 314 | 315 | 317 |
| Mitchell | 1,050 | 1,030 | 1,030 | 1,030 | 278 | 283 | 283 | 283 |
| Winnebago | 890 | 880 | 880 | 870 | 317 | 321 | 320 | 323 |
| Worth | 850 | 840 | 840 | 830 | 291 | 294 | 290 | 293 |
| Wright | 1,120 | 1,100 | 1,100 | 1,080 | 320 | 324 | 325 | 325 |
| N.C. District | 12,900 | 12,700 | 12,700 | 12,600 | 290 | 294 | 293 | 293 |
| Allamakee | 1,210 | 1,190 | 1,190 | 1,170 | 316 | 322 | 323 | 325 |
| Black Hawk | 1,420 | 1,400 | 1,390 | 1,370 | 322 | 330 | 208 | 211 |
| Bremer | 1,330 | 1,310 | 1,310 | 1,310 | 198 | 202 | 200 | 200 |
| Buchanan | 1,530 | 1,510 | 1,500 | 1,480 | 227 | 230 | 233 | 236 |
| Chickasaw | 1,180 | 1,170 | 1,170 | 1,150 | 264 | 267 | 268 | 269 |
| Clayton | 1,900 | 1,880 | 1,850 | 1,810 | 241 | 244 | 246 | 252 |
| Delaware | 1,520 | 1,500 | 1,500 | 1,490 | 234 | 237 | 234 | 235 |
| Dubuque | 1,740 | 1,720 | 1,710 | 1,690 | 204 | 206 | 206 | 209 |
| Fayette | 1,860 | 1,840 | 1,810 | 1,780 | 236 | 240 | 248 | 249 |
| Howard | 1,080 | 1,070 | 1,070 | 1,060 | 270 | 277 | 272 | 275 |
| Winneshiek | 1,830 | 1,810 | 1,800 | 1,790 | 231 | 233 | 234 | 236 |
| N.E. District | 16,600 | 16,400 | 16,300 | 16,100 | 238 | 241 | 240 | 244 |
| Audubon | 990 | 980 | 980 | 980 | 285 | 288 | 287 | 287 |
| Calhoun | 1,140 | 1,120 | 1,120 | 1,120 | 312 | 315 | 313 | 311 |
| Carroll | 1,340 | 1,320 | 1,320 | 1,320 | 265 | 269 | [illegible] | 268 |
| Crawford | 1,650 | 1,630 | 1,620 | 1,600 | 273 | 277 | 278 | 281 |
| Greene | 1,060 | 1,050 | 1,050 | 1,050 | 340 | 343 | 336 | 336 |
| Guthrie | 1,130 | 1,120 | 1,120 | 1,100 | 328 | 330 | 330 | 333 |
| Harrison | 1,270 | 1,250 | 1,240 | 1,230 | 337 | 342 | 345 | 349 |
| Ida | 910 | 900 | 890 | 880 | 300 | 304 | 303 | 310 |
| Monona | 1,010 | 1,000 | 1,000 | 990 | 425 | 426 | 427 | 431 |
| Sac | 1,130 | 1,110 | 1,110 | 1,100 | 319 | 325 | 323 | [illegible] |
| Shelby | 1,240 | 1,220 | 1,220 | 1,220 | 298 | 303 | 303 | 305 |
| Woodbury | 1,930 | 1,900 | 1,830 | 1,790 | 278 | 286 | 282 | 283 |
| W.C. District | 14,800 | 14,600 | 14,500 | 14,400 | 308 | 312 | 310 | 315 |
| Boone | 1,250 | 1,220 | 1,220 | 1,220 | 272 | 275 | 274 | 274 |
| Dallas | 1,220 | 1,190 | 1,190 | 1,190 | 369 | 294 | 294 | 295 |
| Grundy | 1,190 | 1,170 | 1,170 | 1,170 | 267 | 272 | 269 | 268 |
| Hamilton | 1,250 | 1,230 | 1,230 | 1,230 | 285 | 290 | 290 | [illegible] |
| Hardin | 1,200 | 1,180 | 1,180 | 1,180 | 295 | 299 | 295 | [illegible] |
| Jasper | 1,600 | 1,570 | 1,560 | 1,550 | 278 | 283 | 286 | 290 |
| Marshall | 1,250 | 1,230 | 1,230 | 1,210 | 279 | 283 | 282 | 284 |
| Polk | 1,340 | 1,310 | 1,230 | 1,200 | 195 | 205 | 212 | 217 |
| Poweshiek | 1,250 | 1,230 | 1,230 | 1,210 | 289 | 294 | 296 | 299 |
| Story | 1,160 | 1,140 | 1,140 | 1,140 | 293 | 298 | 293 | 293 |
| Tama | 1,680 | 1,650 | 1,640 | 1,620 | 265 | 269 | 271 | 275 |
| Webster | 1,310 | 1,280 | 1,280 | 1,280 | 329 | 332 | 332 | 332 |
| C. District | 15,700 | 15,400 | 15,300 | 15,200 | 272 | 281 | 281 | [illegible] |

# number and average size of farms[1] Iowa counties (continued)

| County and District | Number of farms 1979 | 1980 | 1981 | 1982[1] | Average acres per farm 1979 | 1980 | 1981 | 1982 |
|---|---|---|---|---|---|---|---|---|
| Benton | 1,490 | 1,460 | 1,460 | 1,460 | 297 | 303 | 298 | 298 |
| Cedar | 1,300 | 1,270 | 1,270 | 1,270 | 275 | 281 | 277 | 277 |
| Clinton | 1,660 | 1,620 | 1,620 | 1,620 | 249 | 255 | 251 | 251 |
| Iowa | 1,200 | 1,170 | 1,170 | 1,170 | 300 | 308 | 309 | 309 |
| Jackson | 1,490 | 1,460 | 1,460 | 1,460 | 261 | 266 | 267 | 267 |
| Johnson | 1,420 | 1,390 | 1,390 | 1,390 | 241 | 247 | 242 | 242 |
| Jones | 1,400 | 1,370 | 1,370 | 1,370 | 255 | 261 | 261 | 261 |
| Linn | 1,730 | 1,690 | 1,690 | 1,690 | 231 | 237 | 231 | 231 |
| Muscatine | 950 | 930 | 930 | 930 | 270 | 276 | 270 | 270 |
| Scott | 1,060 | 1,040 | 1,040 | 1,040 | 236 | 240 | 232 | 232 |
| E.C. District | 13,700 | 13,400 | 13,400 | 13,400 | 261 | 266 | 263 | 263 |
| Adair | 1,110 | 1,080 | 1,080 | 1,070 | 325 | 334 | 333 | 336 |
| Adams | 750 | 740 | 740 | 730 | 354 | 359 | 360 | 365 |
| Cass | 1,100 | 1,070 | 1,070 | 1,060 | 320 | 329 | 326 | 329 |
| Fremont | 750 | 740 | 740 | 740 | 419 | 425 | 428 | 428 |
| Mills | 740 | 730 | 730 | 720 | 363 | 368 | 369 | 375 |
| Montgomery | 800 | 780 | 780 | 780 | 328 | 337 | 333 | 333 |
| Page | 1,080 | 1,050 | 1,050 | 1,050 | 306 | 314 | 313 | 313 |
| Pottawattamie | 1,970 | 1,930 | 1,930 | 1,890 | 287 | 293 | 291 | 297 |
| Taylor | 1,000 | 980 | 980 | 960 | 336 | 343 | 344 | 351 |
| S.W. District | 9,300 | 9,100 | 9,100 | 9,000 | 329 | 336 | 335 | 339 |
| Appanoose | 1,160 | 1,140 | 1,060 | 1,010 | 249 | 254 | 274 | 287 |
| Clarke | 710 | 700 | 700 | 690 | 379 | 385 | 379 | 385 |
| Decatur | 850 | 840 | 820 | 790 | 392 | 397 | 401 | 417 |
| Lucas | 910 | 890 | 830 | 820 | 288 | 295 | 312 | 321 |
| Madison | 1,350 | 1,320 | 1,280 | 1,250 | 262 | 268 | 277 | 283 |
| Marion | 1,300 | 1,270 | 1,270 | 1,270 | 238 | 244 | 244 | 244 |
| Monroe | 940 | 920 | 830 | 800 | 283 | 289 | 321 | 333 |
| Ringgold | 860 | 850 | 840 | 830 | 399 | 404 | 404 | 409 |
| Union | 720 | 710 | 710 | 710 | 369 | 374 | 369 | 369 |
| Warren | 1,430 | 1,400 | 1,400 | 1,390 | 242 | 248 | 248 | 250 |
| Wayne | 870 | 860 | 860 | 840 | 375 | 379 | 375 | 383 |
| S.C. District | 11,100 | 10,900 | 10,600 | 10,400 | 303 | 309 | 316 | 322 |
| Davis | 1,230 | 1,210 | 1,100 | 1,060 | 252 | 256 | 283 | 294 |
| Des Moines | 810 | 800 | 800 | 790 | 272 | 275 | 273 | 276 |
| Henry | 1,010 | 990 | 990 | 980 | 259 | 265 | 263 | 266 |
| Jefferson | 1,090 | 1,070 | 1,020 | 990 | 243 | 248 | 261 | 269 |
| Keokuk | 1,200 | 1,180 | 1,180 | 1,170 | 296 | 301 | 302 | 305 |
| Lee | 1,190 | 1,170 | 1,130 | 1,120 | 250 | 254 | 262 | 264 |
| Louisa | 740 | 730 | 730 | 720 | 320 | 324 | 324 | 328 |
| Mahaska | 1,400 | 1,380 | 1,370 | 1,360 | 253 | 257 | 258 | 260 |
| Van Buren | 1,020 | 1,000 | 980 | 970 | 288 | 294 | 301 | 304 |
| Wapello | 1,420 | 1,400 | 1,230 | 1,180 | 178 | 180 | 205 | 213 |
| Washington | 1,290 | 1,270 | 1,270 | 1,260 | 270 | 274 | 274 | 276 |
| S.E. District | 12,400 | 12,200 | 11,800 | 11,600 | 258 | 262 | 271 | 275 |
| State | 121,000 | 119,000 | 118,000 | 117,000 | 281 | 286 | 286 | 289 |

[1]Preliminary
Source: Iowa Crop & Livestock Reporting Service.

# corn and soybeans harvested

| County & District | Corn 1979 Yield (bu./A) | Corn 1979 Production (000 bu.) | Corn 1980r Yield (bu./A) | Corn 1980r Production (000 bu.) | Corn 1981e Yield (bu./A) | Corn 1981e Production (000 bu.) | Corn for Silage 1980r (000's of Tons) | Corn for Silage 1981e (000's of Tons) | Soybeans 1979 Yield (bu./A) | Soybeans 1979 Production (000 bu.) | Soybeans 1980r Yield (bu./A) | Soybeans 1980r Production (000 bu.) | Soybeans 1981e Yield (bu./A) | Soybeans 1981e Production (000 bu.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Buena Vista | 129.0 | 21,800 | 121.8 | 20,700 | 130.9 | 22,772 | 79 | 58 | 36.9 | 4,880 | 40.7 | 5,410 | 42.5 | 5,589 |
| Cherokee | 126.0 | 18,400 | 111.9 | 16,000 | 127.5 | 18,999 | 234 | 254 | 39.8 | 3,770 | 42.2 | 4,070 | 43.3 | 4,038 |
| Clay | 129.3 | 19,000 | 126.3 | 19,200 | 135.7 | 21,850 | 211 | 73 | 37.4 | 4,750 | 37.4 | 4,790 | 37.9 | 4,637 |
| Dickinson | 121.9 | 11,700 | 125.5 | 11,800 | 135.0 | 14,044 | 124 | 45 | 35.7 | 2,880 | 40.0 | 3,340 | 38.5 | 3,067 |
| Emmet | 127.4 | 13,500 | 139.1 | 15,300 | 138.0 | 16,145 | 74 | 66 | 32.0 | 3,100 | 41.1 | 4,000 | 38.0 | 3,576 |
| Lyon | 114.8 | 19,400 | 103.0 | 16,900 | 109.1 | 17,786 | 169 | 216 | 38.8 | 3,840 | 38.2 | 3,890 | 38.1 | 3,994 |
| O'Brien | 127.7 | 19,800 | 129.3 | 19,400 | 136.4 | 22,511 | 260 | 123 | 39.9 | 5,230 | 39.6 | 5,400 | 41.7 | 5,348 |
| Osceola | 117.3 | 12,900 | 124.8 | 13,600 | 121.0 | 13,674 | 135 | 68 | 36.0 | 3,550 | 39.4 | 4,040 | 37.0 | 3,596 |
| Palo Alto | 125.2 | 19,400 | 134.4 | 21,500 | 140.5 | 23,744 | 107 | 45 | 32.1 | 4,660 | 38.4 | 5,600 | 37.6 | 5,287 |
| Plymouth | 116.8 | 28,500 | 83.8 | 19,600 | 98.5 | 22,938 | 207 | 199 | 42.2 | 4,710 | 36.5 | 4,330 | 37.7 | 4,560 |
| Pocahontas | 133.3 | 21,600 | 123.1 | 20,800 | 143.3 | 24,937 | 65 | 45 | 32.9 | 5,070 | 38.3 | 5,890 | 39.3 | 5,920 |
| Sioux | 122.0 | 29,400 | 110.2 | 26,000 | 123.4 | 29,750 | 409 | 438 | 42.9 | 4,280 | 40.5 | 4,230 | 43.1 | 4,385 |
| N.W. District | 123.9 | 235,400 | 116.8 | 220,800 | 126.9 | 249,150 | 2,074 | 1,630 | 37.0 | 50,720 | 39.2 | 54,990 | 39.6 | 53,997 |
| Butler | 127.2 | 21,500 | 124.3 | 21,000 | 131.0 | 22,801 | 66 | 27 | 35.0 | 3,850 | 40.1 | 4,580 | 38.5 | 4,371 |
| Cerro Gordo | 131.8 | 19,900 | 130.2 | 20,700 | 131.4 | 21,543 | 79 | 45 | 36.4 | 4,140 | 37.8 | 4,240 | 33.5 | 3,682 |
| Floyd | 131.3 | 16,800 | 126.3 | 16,800 | 131.8 | 17,534 | 41 | 52 | 33.2 | 3,470 | 34.5 | 3,630 | 33.8 | 3,567 |
| Franklin | 132.2 | 22,600 | 131.8 | 23,600 | 137.3 | 25,682 | 65 | 68 | 38.3 | 4,850 | 39.9 | 4,960 | 34.9 | 4,036 |
| Hancock | 130.9 | 21,200 | 127.7 | 21,200 | 142.1 | 24,303 | 105 | 85 | 34.8 | 4,370 | 39.3 | 4,890 | 36.8 | 4,479 |
| Humbolt | 126.4 | 15,800 | 119.7 | 15,200 | 144.0 | 18,864 | 41 | 26 | 36.2 | 4,020 | 38.9 | 4,290 | 42.7 | 4,616 |
| Kossuth | 130.3 | 35,700 | 131.9 | 36,400 | 136.8 | 38,162 | 114 | 120 | 34.0 | 8,440 | 41.0 | 10,130 | 35.3 | 8,473 |
| Mitchell | 124.4 | 14,800 | 120.5 | 14,700 | 126.8 | 15,971 | 138 | 46 | 31.8 | 3,010 | 29.0 | 2,710 | 34.8 | 3,060 |
| Winnebago | 125.4 | 14,300 | 115.5 | 13,400 | 130.5 | 16,830 | 23 | 22 | 31.1 | 3,260 | 33.2 | 3,530 | 27.1 | 2,440 |
| Worth | 130.0 | 14,300 | 120.7 | 14,000 | 119.4 | 13,967 | 30 | 28 | 36.9 | 3,400 | 31.3 | 2,870 | 27.1 | 2,305 |
| Wright | 136.2 | 24,100 | 118.4 | 21,200 | 142.0 | 26,413 | 28 | 58 | 38.2 | 6,100 | 38.2 | 6,280 | 41.2 | 6,429 |
| N.C. District | 130.0 | 221,000 | 125.3 | 218,200 | 134.7 | 242,070 | 730 | 577 | 35.2 | 48,910 | 37.4 | 52,110 | 35.6 | 47,458 |
| Allamakee | 124.0 | 9,300 | 114.5 | 8,700 | 127.8 | 10,738 | 135 | 105 | 36.4 | 120 | 38.2 | 130 | 37.6 | 139 |
| Black Hawk | 137.7 | 20,100 | 117.8 | 17,900 | 136.3 | 21,257 | 49 | 85 | 38.5 | 3,660 | 41.8 | 3,950 | 42.3 | 3,930 |
| Bremer | 130.9 | 14,400 | 123.1 | 14,400 | 138.0 | 18,216 | 81 | 46 | 35.1 | 2,590 | 36.3 | 2,730 | 35.1 | 2,201 |
| Buchanan | 140.6 | 23,200 | 126.5 | 21,000 | 135.3 | 24,356 | 51 | 59 | 38.1 | 3,590 | 39.8 | 3,710 | 40.3 | 3,527 |
| Chickasaw | 128.7 | 14,800 | 122.3 | 14,800 | 135.3 | 17,323 | 130 | 67 | 33.2 | 2,450 | 33.1 | 2,490 | 28.8 | 2,232 |
| Clayton | 125.7 | 18,600 | 116.0 | 17,400 | 135.4 | 21,118 | 66 | 59 | 34.3 | 240 | 36.6 | 260 | 43.5 | 300 |
| Delaware | 134.5 | 22,600 | 124.6 | 21,300 | 134.3 | 24,302 | 74 | 86 | 38.9 | 1,190 | 41.5 | 1,360 | 40.5 | 1,329 |
| Dubuque | 129.8 | 16,100 | 122.0 | 15,500 | 133.4 | 17,469 | 132 | 163 | 39.1 | 90 | 45.8 | 110 | 46.8 | 117 |
| Fayette | 132.4 | 23,700 | 125.5 | 23,600 | 132.9 | 26,450 | 171 | 106 | 35.4 | 3,050 | 40.7 | 3,580 | 37.7 | 3,148 |
| Howard | 122.0 | 12,200 | 120.4 | 13,000 | 131.7 | 15,666 | 103 | 58 | 32.1 | 2,390 | 34.1 | 2,490 | 38.0 | 2,590 |
| Winneshiek | 118.5 | 15,400 | 117.7 | 16,600 | 125.1 | 18,636 | 224 | 194 | 34.6 | 640 | 38.7 | 700 | 37.7 | 742 |
| N.E. District | 130.4 | 190,400 | 121.4 | 184,200 | 133.5 | 215,531 | 1,216 | 1,028 | 35.8 | 20,000 | 38.2 | 21,510 | 37.6 | 20,255 |
| Audubon | 120.2 | 14,900 | 90.6 | 11,600 | 121.2 | 15,756 | 87 | 96 | 37.5 | 2,020 | 35.4 | 1,910 | 44.3 | 2,424 |
| Calhoun | 138.7 | 21,500 | 123.4 | 19,500 | 139.3 | 22,005 | 45 | 73 | 39.5 | 5,950 | 43.3 | 6,440 | 41.1 | 5,896 |
| Carroll | 123.8 | 19,800 | 98.1 | 15,700 | 125.7 | 20,610 | 421 | 323 | 39.6 | 4,010 | 40.8 | 4,210 | 43.1 | 4,696 |
| Crawford | 106.6 | 19,300 | 67.8 | 12,200 | 98.0 | 16,002 | 108 | 85 | 36.6 | 3,010 | 33.7 | 2,760 | 40.1 | 3,566 |
| Greene | 141.4 | 22,200 | 112.9 | 18,400 | 138.0 | 22,908 | 107 | 135 | 41.0 | 5,600 | 41.9 | 5,680 | 45.5 | 6,129 |
| Guthrie | 123.6 | 13,100 | 96.4 | 10,700 | 124.4 | 14,425 | 111 | 60 | 35.6 | 2,360 | 36.4 | 2,390 | 41.8 | 2,892 |
| Harrison | 118.7 | 19,700 | 80.0 | 13,600 | 94.4 | 16,149 | 59 | 35 | 35.8 | 3,940 | 32.9 | 3,600 | 40.0 | 4,596 |
| Ida | 110.9 | 14,200 | 71.8 | 8,900 | 102.4 | 12,906 | 148 | 50 | 38.5 | 2,270 | 34.1 | 2,130 | 39.2 | 2,405 |
| Monona | 101.2 | 16,400 | 73.8 | 12,100 | 95.0 | 16,442 | 265 | 152 | 34.0 | 3,290 | 26.5 | 2,660 | 35.8 | 3,471 |
| Sac | 123.7 | 20,900 | 85.8 | 14,500 | 124.1 | 20,354 | 118 | 192 | 38.1 | 4,130 | 35.4 | 3,870 | 41.7 | 4,866 |
| Shelby | 126.9 | 23,100 | 87.4 | 15,900 | 102.5 | 18,646 | 171 | 177 | 39.9 | 3,070 | 36.5 | 2,840 | 43.7 | 3,314 |
| Woodbury | 104.2 | 27,100 | 67.7 | 17,000 | 92.7 | 23,914 | 206 | 191 | 36.1 | 2,960 | 30.9 | 2,700 | 37.2 | 3,500 |
| W.C. District | 119.1 | 232,200 | 86.8 | 170,100 | 111.2 | 220,117 | 1,846 | 1,569 | 37.9 | 42,610 | 36.3 | 41,190 | 41.2 | 47,755 |
| Boone | 141.8 | 21,700 | 118.8 | 18,300 | 117.7 | 17,772 | 37 | 35 | 40.3 | 4,800 | 43.1 | 5,180 | 42.0 | 5,226 |
| Dallas | 135.7 | 20,900 | 96.9 | 15,500 | 133.7 | 20,716 | 36 | 43 | 39.2 | 4,230 | 42.1 | 4,450 | 46.2 | 5,210 |
| Grundy | 137.3 | 20,600 | 122.4 | 18,600 | 125.6 | 19,586 | 153 | 180 | 41.5 | 4,430 | 43.6 | 4,570 | 43.1 | 4,383 |
| Hamilton | 140.6 | 23,200 | 125.3 | 21,300 | 142.3 | 24,331 | 27 | 17 | 40.7 | 5,840 | 40.1 | 5,880 | 43.4 | 6,265 |
| Hardin | 138.9 | 22,500 | 120.7 | 20,400 | 132.3 | 22,753 | 113 | 103 | 40.6 | 4,580 | 40.5 | 4,510 | 41.9 | 4,601 |
| Jasper | 125.9 | 21,400 | 102.9 | 17,900 | 125.5 | 21,715 | 90 | 98 | 39.7 | 3,380 | 42.6 | 3,750 | 44.7 | 3,947 |
| Marshall | 132.1 | 20,600 | 119.3 | 19,200 | 128.1 | 20,618 | 35 | 22 | 40.7 | 3,490 | 43.9 | 3,700 | 46.7 | 4,073 |
| Polk | 128.1 | 14,600 | 100.0 | 11,000 | 132.4 | 15,226 | 34 | 27 | 37.9 | 3,430 | 40.5 | 3,810 | 44.0 | 4,078 |
| Poweshiek | 126.4 | 15,800 | 110.7 | 14,500 | 125.4 | 17,550 | 75 | 43 | 39.1 | 2,720 | 41.0 | 2,870 | 45.8 | 3,272 |
| Story | 139.6 | 22,900 | 126.5 | 21,500 | 123.8 | 20,308 | 52 | 48 | 39.1 | 5,090 | 42.2 | 5,530 | 44.2 | 5,945 |
| Tama | 132.8 | 23,100 | 114.2 | 20,100 | 133.4 | 23,470 | 46 | 57 | 39.8 | 4,200 | 42.9 | 4,520 | 44.2 | 4,632 |
| Webster | 140.4 | 25,700 | 127.0 | 24,000 | 143.2 | 26,777 | 29 | 56 | 40.0 | 7,220 | 42.7 | 7,660 | 45.0 | 7,851 |
| C. District | 135.3 | 253,000 | 116.0 | 222,300 | 130.6 | 250,822 | 767 | 729 | 39.9 | 53,410 | 42.1 | 56,430 | 44.2 | 59,483 |

# corn and soybeans harvested (continued)

| County & District | Corn 1979 Yield (bu./A) | Corn 1979 Production (000 bu.) | Corn 1980r Yield (bu./A) | Corn 1980r Production (000 bu.) | Corn 1981e Yield (bu./A) | Corn 1981e Production (000 bu.) | Corn for Silage 1980r (1000's of Tons) | Corn for Silage 1981e (1000's of Tons) | Soybeans 1979 Yield (bu./A) | Soybeans 1979 Production (000 bu.) | Soybeans 1980r Yield (bu./A) | Soybeans 1980r Production (000 bu.) | Soybeans 1981e Yield (bu./A) | Soybeans 1981e Production (000 bu.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benton | 134.1 | 23,200 | 105.7 | 18,500 | 127.3 | 22,396 | 163 | 195 | 41.5 | 4,790 | 41.3 | 4,730 | 42.0 | 4,869 |
| Cedar | 144.1 | 25,500 | 124.6 | 22,300 | 143.9 | 25,614 | 54 | 71 | 43.8 | 3,170 | 44.4 | 3,330 | 46.9 | 3,597 |
| Clinton | 130.5 | 27,400 | 123.0 | 25,700 | 137.2 | 28,396 | 114 | 136 | 44.5 | 3,130 | 45.1 | 3,110 | 45.9 | 3,197 |
| Iowa | 129.6 | 18,400 | 113.0 | 16,500 | 129.8 | 20,643 | 89 | 57 | 39.2 | 1,760 | 38.3 | 1,760 | 44.9 | 1,966 |
| Jackson | 117.3 | 12,200 | 115.0 | 12,300 | 132.7 | 16,589 | 198 | 172 | 38.7 | 360 | 43.4 | 430 | 43.7 | 393 |
| Johnson | 133.3 | 19,200 | 106.8 | 15,700 | 122.4 | 18,481 | 62 | 79 | 41.1 | 2,530 | 40.2 | 2,480 | 42.4 | 2,296 |
| Jones | 132.4 | 18,800 | 124.5 | 17,800 | 136.2 | 20,161 | 84 | 131 | 42.2 | 1,740 | 43.2 | 1,890 | 45.0 | 1,862 |
| Linn | 130.3 | 19,800 | 114.5 | 17,400 | 132.8 | 20,444 | 58 | 22 | 40.7 | 3,860 | 41.0 | 3,900 | 43.6 | 4,218 |
| Muscatine | 129.9 | 12,600 | 119.6 | 12,200 | 136.3 | 14,306 | 63 | 93 | 38.8 | 1,960 | 42.2 | 2,110 | 44.2 | 2,191 |
| Scott | 134.3 | 18,000 | 132.4 | 18,000 | 141.1 | 20,316 | 36 | 23 | 42.9 | 1,790 | 44.2 | 1,870 | 44.9 | 1,667 |
| E.C. District | 132.3 | 195,100 | 117.9 | 176,400 | 134.0 | 207,346 | 915 | 991 | 41.7 | 25,090 | 42.2 | 25,610 | 44.2 | 26,256 |
| Adair | 114.7 | 13,300 | 89.7 | 10,400 | 123.5 | 14,820 | 44 | 28 | 34.5 | 2,010 | 37.5 | 2,120 | 43.1 | 2,675 |
| Adams | 116.4 | 8,500 | 78.4 | 5,800 | 116.9 | 9,232 | 120 | 105 | 35.8 | 1,340 | 35.2 | 1,370 | 42.5 | 1,720 |
| Cass | 122.9 | 17,700 | 88.4 | 11,400 | 123.8 | 16,958 | 232 | 171 | 38.2 | 2,580 | 35.4 | 2,490 | 43.7 | 3,097 |
| Fremont | 116.7 | 14,000 | 93.8 | 10,500 | 120.9 | 13,660 | 51 | 25 | 37.8 | 4,100 | 37.0 | 4,190 | 43.3 | 4,668 |
| Mills | 122.3 | 12,600 | 99.0 | 10,200 | 120.5 | 12,652 | 71 | 44 | 37.6 | 2,880 | 37.4 | 2,970 | 40.7 | 3,135 |
| Montgomery | 126.7 | 13,300 | 84.5 | 8,200 | 118.3 | 11,355 | 67 | 25 | 37.5 | 2,620 | 35.6 | 2,400 | 39.4 | 2,799 |
| Page | 113.4 | 12,700 | 73.5 | 8,300 | 117.3 | 12,790 | 48 | 45 | 35.9 | 3,150 | 31.2 | 2,600 | 40.1 | 3,741 |
| Pottawattamie | 127.1 | 27,200 | 98.4 | 24,100 | 112.5 | 27,008 | 180 | 232 | 37.2 | 4,785 | 35.9 | 5,025 | 42.7 | 6,159 |
| Taylor | 109.0 | 8,500 | 65.4 | 5,300 | 119.4 | 9,912 | 86 | 42 | 33.4 | 1,960 | 30.0 | 1,710 | 40.7 | 2,575 |
| S.W. District | 120.0 | 127,800 | 88.0 | 94,200 | 118.7 | 128,387 | 859 | 639 | 36.7 | 25,425 | 35.2 | 24,875 | 41.9 | 30,569 |
| Appanoose | 116.2 | 4,300 | 86.8 | 3,300 | 112.7 | 4,619 | 41 | 40 | 33.7 | 1,350 | 27.6 | 1,130 | 32.4 | 1,159 |
| Clarke | 97.7 | 4,300 | 83.7 | 3,600 | 118.1 | 6,142 | 36 | 37 | 30.2 | 930 | 32.5 | 1,050 | 39.5 | 1,125 |
| Decatur | 102.2 | 4,600 | 83.3 | 4,000 | 113.4 | 6,234 | 84 | 98 | 31.5 | 1,190 | 31.1 | 1,240 | 41.2 | 1,460 |
| Lucas | 102.3 | 4,400 | 90.7 | 3,900 | 124.9 | 5,995 | 75 | 90 | 32.2 | 790 | 30.4 | 780 | 40.9 | 941 |
| Madison | 110.1 | 9,800 | 98.9 | 8,700 | 127.0 | 11,336 | 50 | 13 | 34.2 | 1,880 | 38.8 | 2,200 | 42.7 | 2,461 |
| Marion | 118.3 | 9,700 | 92.0 | 8,100 | 130.1 | 11,838 | 44 | 58 | 37.5 | 1,980 | 39.3 | 2,200 | 41.1 | 2,240 |
| Monroe | 107.1 | 4,500 | 94.3 | 3,300 | 109.6 | 3,944 | 81 | 80 | 34.1 | 890 | 33.8 | 890 | 36.6 | 835 |
| Ringgold | 106.2 | 6,900 | 84.8 | 3,400 | 120.6 | 7,597 | 83 | 91 | 30.7 | 1,530 | 33.6 | 1,760 | 41.3 | 2,105 |
| Union | 108.8 | 6,200 | 80.7 | 4,600 | 123.8 | 7,797 | 43 | 18 | 31.4 | 940 | 35.0 | 1,070 | 41.5 | 1,194 |
| Warren | 121.2 | 10,300 | 100.0 | 8,700 | 130.7 | 12,413 | 44 | 44 | 35.3 | 1,960 | 37.4 | 2,090 | 42.4 | 2,250 |
| Wayne | 111.5 | 6,800 | 95.3 | 6,100 | 112.8 | 8,234 | 33 | 19 | 32.7 | 1,660 | 31.5 | 1,710 | 31.6 | 1,787 |
| S.C. District | 110.5 | 71,800 | 88.4 | 57,700 | 121.9 | 86,149 | 612 | 601 | 33.3 | 15,100 | 34.2 | 16,120 | 39.3 | 17,557 |
| Davis | 118.3 | 7,100 | 105.5 | 5,800 | 106.6 | 6,606 | 50 | 61 | 35.5 | 1,790 | 31.3 | 1,590 | 34.5 | 1,558 |
| Des Moines | 138.7 | 12,900 | 116.1 | 10,800 | 135.3 | 12,851 | 24 | 9 | 41.3 | 2,290 | 39.4 | 2,230 | 42.7 | 2,293 |
| Henry | 138.2 | 14,100 | 118.9 | 12,600 | 131.7 | 15,150 | 15 | 26 | 42.2 | 2,400 | 39.3 | 2,270 | 44.0 | 2,211 |
| Jefferson | 128.8 | 9,400 | 101.3 | 7,700 | 126.6 | 9,872 | 7 | 7 | 38.0 | 2,150 | 37.8 | 2,160 | 39.3 | 2,335 |
| Keokuk | 134.9 | 17,000 | 115.9 | 15,300 | 129.4 | 18,117 | 57 | 60 | 39.3 | 2,490 | 42.7 | 2,740 | 45.8 | 3,134 |
| Lee | 138.6 | 11,500 | 108.1 | 9,300 | 122.5 | 10,416 | 39 | 47 | 39.9 | 2,480 | 37.5 | 2,380 | 41.1 | 2,558 |
| Louisa | 137.2 | 11,800 | 122.7 | 11,900 | 138.6 | 13,860 | 19 | 29 | 39.9 | 1,960 | 42.4 | 2,120 | 46.0 | 2,310 |
| Mahaska | 128.1 | 17,300 | 108.1 | 14,700 | 127.4 | 17,193 | 148 | 100 | 38.8 | 2,980 | 41.9 | 3,220 | 44.5 | 3,428 |
| Van Buren | 115.5 | 6,700 | 93.1 | 5,400 | 110.4 | 7,064 | 35 | 28 | 33.8 | 1,550 | 31.3 | 1,470 | 33.0 | 1,516 |
| Wapello | 131.7 | 8,300 | 104.6 | 6,800 | 135.7 | 8,818 | 28 | 12 | 38.6 | 2,040 | 39.4 | 2,140 | 40.3 | 2,136 |
| Washington | 138.4 | 20,900 | 124.5 | 18,800 | 136.8 | 20,381 | 35 | 38 | 42.1 | 2,980 | 44.9 | 3,240 | 47.0 | 3,266 |
| S.E. District | 133.0 | 137,000 | 112.9 | 119,100 | 129.0 | 140,328 | 457 | 415 | 39.2 | 25,110 | 39.3 | 25,560 | 42.1 | 26,745 |
| State | 127.0 | 1,663,700 | 110.0 | 1,463,000 | 127.0 | 1,739,900 | 9,472 | 8,250 | 37.5 | 306,375 | 38.5 | 318,395 | 40.5 | 330,075 |

r/Revised figures.
e/Estimated figures.
Source: Iowa Crop and Livestock Reporting Service.

# hogs and grain fed cattle marketed and cows and heifers* that have calved

| | Hogs Marketed | | | Grain Fed Cattle Marketed | | | Milk Cows | | | Beef Cows | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | 1979r | 1980e | [illegible] | [illegible] | [illegible] | 1979 | 1980r | 1981e | [illegible] | [illegible] | [illegible] |
| Buena Vista | 315.0 | 335.0 | 330.0 | 35.0 | 31.0 | 27.0 | .9 | .9 | .1 | 10.5 | 11.0 | 9.5 |
| Cherokee | 245.0 | 280.0 | 275.0 | 91.0 | 84.0 | 79.0 | 2.1 | 2.1 | 2.2 | 19.5 | 21.5 | 18.2 |
| Clay | 170.0 | 190.0 | 200.0 | 45.0 | 38.0 | 35.0 | .7 | .7 | .9 | 12.5 | 13.5 | 13.3 |
| Dickinson | 95.0 | 105.0 | 120.0 | 19.0 | [illegible] | 15.5 | .7 | .7 | .8 | 8.7 | 9.4 | 8.0 |
| Emmet | 110.0 | 120.0 | 135.0 | 29.5 | 24.0 | 22.0 | .5 | .5 | .5 | 5.7 | 5.5 | 5.4 |
| Lyon | 285.0 | 330.0 | 325.0 | 73.0 | 67.0 | 61.0 | 7.9 | 7.9 | 8.0 | 18.5 | 20.5 | 18.0 |
| O'Brien | 265.0 | 275.0 | 270.0 | 69.0 | 79.0 | 72.0 | 2.7 | 2.6 | 2.8 | 9.5 | 10.0 | 9.5 |
| Osceola | 140.0 | 150.0 | 170.0 | 42.0 | 38.5 | 33.0 | 2.4 | 2.4 | 2.6 | 5.6 | 5.7 | 4.8 |
| Palo Alto | 225.0 | 230.0 | 255.0 | 33.0 | 23.5 | 25.0 | .8 | .8 | .9 | 7.0 | 7.2 | 6.4 |
| Plymouth | 455.0 | 510.0 | 525.0 | 96.0 | 95.0 | 75.0 | 3.6 | 3.6 | 3.6 | 24.5 | 26.0 | 25.3 |
| Pocahontas | 195.0 | 215.0 | 225.0 | 32.5 | 36.0 | 24.0 | .6 | .6 | .6 | 4.0 | 4.2 | 3.5 |
| Sioux | 550.0 | 610.0 | 620.0 | 265.0 | 233.0 | 217.0 | 13.0 | 13.1 | 13.1 | 11.0 | 11.5 | 11.3 |
| N.W. District | 3,050.0 | 3,350.0 | 3,450 | 767.0 | 740.0 | 700.0 | 36.0 | 36.0 | 37.0 | 140.0 | 150.0 | 136.0 |
| Butler | 255.0 | 280.0 | 320.0 | 18.5 | 15.5 | 15.0 | 5.0 | 5.0 | 5.6 | 11.0 | 12.1 | 10.3 |
| Cerro Gordo | 200.0 | 215.0 | 235.0 | 18.5 | 14.0 | 14.0 | 1.0 | 1.1 | 1.2 | 7.4 | 7.8 | 7.3 |
| Floyd | 140.0 | 155.0 | 175.0 | 15.0 | 13.0 | 11.0 | 2.2 | 2.2 | 2.3 | 7.7 | 8.3 | 7.5 |
| Franklin | 235.0 | 285.0 | 320.0 | 31.0 | 27.5 | 26.0 | 1.6 | 1.6 | 1.6 | 9.5 | 9.6 | 9.5 |
| Hancock | 250.0 | 275.0 | 285.0 | 21.0 | 18.0 | 17.0 | 1.9 | 1.8 | 2.0 | 5.9 | 6.0 | 5.6 |
| Humboldt | 125.0 | 145.0 | 160.0 | 20.0 | 17.0 | 16.0 | .8 | .8 | .9 | 2.5 | 3.0 | 2.6 |
| Kossuth | 360.0 | 395.0 | 455.0 | 45.5 | 40.0 | 37.5 | 2.7 | 2.7 | 2.8 | 9.3 | 10.2 | 8.7 |
| Mitchell | 210.0 | 235.0 | 255.0 | 26.0 | 23.5 | 22.0 | 5.2 | 5.2 | 5.8 | 7.7 | 7.1 | 7.2 |
| Winnebago | 115.0 | 130.0 | 140.0 | 7.5 | 4.5 | 4.0 | 1.4 | 1.4 | 1.5 | 2.4 | 2.5 | 2.2 |
| Worth | 95.0 | 105.0 | 115.0 | 11.3 | 8.5 | 8.5 | 1.5 | 1.5 | 1.5 | 3.6 | 3.7 | 3.3 |
| Wright | 165.0 | 180.0 | 190.0 | 18.5 | 16.0 | 14.0 | .7 | .7 | .8 | 4.0 | 4.2 | 3.9 |
| N.C. District | 2,150.0 | 2,400.0 | 2,650.0 | 233.0 | 200.0 | 190.0 | 24.0 | 24.0 | 26.0 | 71.0 | 75.0 | 68.0 |
| Allamakee | 135.0 | 160.0 | 155.0 | 12.0 | 10.5 | 10.0 | 22.8 | 24.0 | 25.0 | 31.5 | 32.5 | 31.8 |
| Black Hawk | 175.0 | 190.0 | 180.0 | 20.0 | 19.5 | 18.5 | 4.8 | 4.8 | 5.0 | 8.0 | 8.5 | 7.3 |
| Bremer | 130.0 | 140.0 | 145.0 | 11.0 | 8.5 | 8.5 | 11.0 | 11.0 | 11.1 | 5.0 | 5.9 | 5.1 |
| Buchanan | 250.0 | 295.0 | 320.0 | 18.0 | 17.0 | 16.0 | 7.5 | 7.6 | 7.9 | 12.0 | 13.0 | 12.9 |
| Chickasaw | 180.0 | 190.0 | 210.0 | 17.0 | 16.0 | 13.5 | 6.6 | 6.6 | 6.6 | 12.5 | 13.0 | 11.7 |
| Clayton | 360.0 | 375.0 | 395.0 | 17.0 | 18.5 | 15.5 | 31.5 | 32.0 | 32.0 | 27.0 | 28.5 | 27.1 |
| Delaware | 495.0 | 575.0 | 625.0 | 20.5 | 18.0 | 18.0 | 25.0 | 26.0 | 25.0 | 10.5 | 11.5 | 11.1 |
| Dubuque | 345.0 | 385.0 | 400.0 | 32.0 | 31.0 | 29.0 | 31.5 | 34.0 | 36.0 | 21.0 | 22.0 | 22.1 |
| Fayette | 290.0 | 320.0 | 355.0 | 31.0 | 27.0 | 25.0 | 22.5 | 23.5 | 25.0 | 17.0 | 18.0 | 16.8 |
| Howard | 105.0 | 125.0 | 130.0 | 10.0 | 9.5 | 9.0 | 9.3 | 9.5 | 10.4 | 13.5 | 14.5 | 13.4 |
| Winneshiek | 235.0 | 245.0 | 265.0 | 24.0 | 21.5 | 21.0 | 29.5 | 31.0 | 32.0 | 27.0 | 28.0 | 24.2 |
| N.E. District | 2,700.0 | 3,000.0 | 3,180.0 | 217.0 | 199.0 | 185.0 | 202.0 | 210.0 | 216.0 | 185.0 | 195.0 | 183.0 |
| Audubon | 220.0 | 250.0 | 310.0 | 43.0 | 40.0 | 36.0 | 1.6 | 1.4 | 1.5 | 18.0 | 21.0 | 17.6 |
| Calhoun | 180.0 | 200.0 | 220.0 | 28.0 | 26.0 | 24.0 | 3 | .3 | .3 | 9.3 | 10.3 | 9.3 |
| Carroll | 385.0 | 415.0 | 435.0 | 110.0 | 100.0 | 99.0 | 1.8 | 1.8 | 1.7 | 15.5 | 17.5 | 16.7 |
| Crawford | 340.0 | 360.0 | 380.0 | 67.0 | 59.0 | 49.0 | 3.0 | 2.8 | 2.9 | 34.5 | 37.0 | 31.0 |
| Greene | 180.0 | 190.0 | 230.0 | 28.0 | 25.0 | 23.0 | .2 | .2 | .2 | 15.5 | 18.0 | 15.1 |
| Guthrie | 125.0 | 140.0 | 145.0 | 36.0 | 32.0 | 30.0 | 1.2 | 1.1 | 1.2 | 28.5 | 31.0 | 27.6 |
| Harrison | 105.0 | 120.0 | 150.0 | 19.5 | 16.0 | 14.0 | 1.4 | 1.3 | 1.3 | 21.0 | 21.5 | 18.1 |
| Ida | 180.0 | 190.0 | 220.0 | 40.0 | 28.0 | 23.0 | 1.5 | 1.4 | 1.5 | 15.0 | 18.0 | 14.9 |
| Monona | 105.0 | 110.0 | 135.0 | 34.0 | 29.0 | 27.0 | .7 | .7 | .7 | 15.0 | 16.5 | 15.0 |
| Sac | 285.0 | 310.0 | 340.0 | 30.0 | 28.0 | 26.0 | 1.9 | 1.9 | 2.0 | 16.0 | 18.0 | 16.1 |
| Shelby | 285.0 | 330.0 | 385.0 | 42.0 | 41.0 | 39.0 | 1.6 | 1.5 | 1.6 | 23.0 | 28.5 | 22.0 |
| Woodbury | 260.0 | 285.0 | 350.0 | 94.0 | 84.0 | 70.0 | 1.8 | 1.6 | 1.6 | 33.3 | 34.5 | 29.6 |
| W.C. District | 2,650.0 | 2,900.0 | 3,300.0 | 604.0 | 555.0 | 500.0 | 17.0 | 16.0 | 16.5 | 265.0 | 285.0 | 231.0 |
| Boone | 195.0 | 200.0 | 200.0 | 28.0 | 23.0 | 19.0 | .5 | .4 | .4 | 10.0 | 10.5 | 9.6 |
| Dallas | 110.0 | 125.0 | 140.0 | 30.0 | 31.5 | 31.0 | .4 | .4 | .4 | 15.5 | 16.0 | 13.3 |
| Grundy | 200.0 | 230.0 | 250.0 | 33.0 | 30.0 | 28.0 | 2.2 | 2.1 | 2.1 | 9.3 | 11.0 | 9.1 |
| Hamilton | 235.0 | 270.0 | 265.0 | 28.5 | 31.0 | 27.0 | .4 | .4 | .4 | 3.9 | 4.5 | 3.3 |
| Hardin | 275.0 | 310.0 | 315.0 | 53.0 | 50.0 | 35.0 | .8 | .8 | .9 | 15.5 | 16.0 | 13.0 |
| Jasper | 310.0 | 325.0 | 380.0 | 39.0 | 38.5 | 33.0 | 3.0 | 2.9 | 3.2 | 28.5 | 31.0 | 25.7 |
| Marshall | 140.0 | 155.0 | 160.0 | 29.0 | 30.0 | 24.5 | .9 | .8 | .9 | 18.5 | 20.5 | 20.3 |
| Polk | 60.0 | 60.0 | 75.0 | 7.5 | 7.0 | 7.0 | .7 | .6 | .6 | 7.1 | 7.6 | 7.0 |
| Poweshiek | 200.0 | 220.0 | 210.0 | 23.0 | 18.5 | 18.0 | 2.0 | 1.8 | 2.0 | 32.5 | 34.0 | 28.3 |
| Story | 150.0 | 155.0 | 180.0 | 20.0 | 18.0 | 16.0 | 1.2 | 1.2 | 1.3 | 6.7 | 9.5 | 7.7 |
| Tama | 245.0 | 265.0 | 290.0 | 33.0 | 30.0 | 27.0 | 2.3 | 2.0 | 2.0 | 27.0 | 30.0 | 23.3 |
| Webster | 130.0 | 135.0 | 135.0 | 16.0 | 14.0 | 13.0 | .6 | .6 | .6 | 5.6 | 6.4 | 5.9 |
| C. District | 2,250.0 | 2,450.0 | 2,600.0 | [illegible] | [illegible] | [illegible] | 15.0 | 14.0 | 14.8 | [illegible] | [illegible] | [illegible] |

# hogs and grain fed cattle marketed and cows and heifers* that have calved (continued)

| | Hogs Marketed (000) | | | Grain Fed Cattle Marketed (000) | | | Milk Cows (000) | | | Beef Cows (000) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | 1979r | 1980e | 1978 | 1979r | 1980e | 1979 | 1980r | 1981e | 1979 | 1980r | 1981e |
| Benton | 270.0 | 290.0 | 335.0 | 44.5 | 44.0 | 41.0 | 3.1 | 3.1 | 3.2 | 21.0 | 22.0 | 18.4 |
| Cedar | 390.0 | 405.0 | 445.0 | 35.0 | 29.0 | 27.0 | 2.3 | 2.4 | 2.2 | 16.5 | 17.0 | 15.4 |
| Clinton | 330.0 | 355.0 | 360.0 | 78.0 | 72.0 | 67.0 | 4.6 | 4.6 | 5.0 | 18.5 | 20.0 | 18.1 |
| Iowa | 265.0 | 290.0 | 315.0 | 32.0 | 28.0 | 26.0 | 2.2 | 2.2 | 2.3 | 32.0 | 33.0 | 30.6 |
| Jackson | 180.0 | 190.0 | 215.0 | 40.0 | 35.0 | 33.0 | 11.5 | 11.5 | 12.1 | 35.0 | 35.5 | 31.5 |
| Johnson | 340.0 | 365.0 | 395.0 | 20.5 | 17.0 | 16.0 | 3.4 | 3.3 | 3.3 | 24.5 | 26.5 | 24.6 |
| Jones | 290.0 | 325.0 | 325.0 | 46.0 | 38.0 | 36.0 | 6.6 | 6.7 | 6.9 | 21.5 | 22.0 | 22.2 |
| Linn | 185.0 | 195.0 | 200.0 | 17.0 | 16.0 | 15.0 | 5.5 | 5.4 | 5.0 | 14.5 | 16.5 | 16.6 |
| Muscatine | 165.0 | 180.0 | 180.0 | 14.5 | 12.0 | 11.0 | 1.9 | 1.9 | 2.0 | 12.0 | 12.5 | 12.8 |
| Scott | 235.0 | 255.0 | 280.0 | 27.0 | 24.0 | 23.0 | 2.9 | 2.9 | 3.0 | 9.5 | 10.0 | 9.8 |
| E.C. District | 2,650.0 | 2,850.0 | 3,050.0 | 355.0 | 315.0 | 295.0 | 44.0 | 44.0 | 45.0 | 205.0 | 215.0 | 200.0 |
| Adair | 190.0 | 215.0 | 245.0 | 23.5 | 22.0 | 20.0 | 2.3 | 2.2 | 2.0 | 40.0 | 42.5 | 36.0 |
| Adams | 115.0 | 125.0 | 130.0 | 11.5 | 10.0 | 10.0 | .6 | .6 | .6 | 22.0 | 24.5 | 24.9 |
| Cass | 195.0 | 215.0 | 235.0 | 44.0 | 41.0 | 38.0 | 1.0 | 1.0 | .9 | 27.5 | 29.5 | 27.7 |
| Fremont | 72.0 | 80.0 | 80.0 | 28.0 | 25.0 | 23.0 | .4 | .5 | .5 | 13.0 | 15.0 | 15.4 |
| Mills | 64.0 | 73.0 | 68.0 | 29.5 | 28.0 | 26.0 | .3 | .3 | .3 | 9.5 | 10.5 | 10.8 |
| Montgomery | 125.0 | 137.0 | 137.0 | 29.0 | 22.0 | 20.0 | .7 | .7 | .7 | 15.0 | 17.0 | 17.7 |
| Page | 175.0 | 200.0 | 200.0 | 27.0 | 23.0 | 21.0 | .9 | .9 | .9 | 22.5 | 24.5 | 22.7 |
| Pottawattamie | 215.0 | 240.0 | 255.0 | 128.0 | 101.0 | 95.0 | 1.2 | 1.2 | 1.1 | 24.0 | 27.0 | 26.7 |
| Taylor | 99.0 | 115.0 | 130.0 | 9.5 | 8.0 | 7.0 | .6 | .6 | .6 | 26.5 | 29.5 | 29.1 |
| S.W. District | 1,250.0 | 1,400.0 | 1,480.0 | 330.0 | 280.0 | 260.0 | 8.0 | 8.0 | 7.6 | 200.0 | 220.0 | 211.0 |
| Appanoose | 49.0 | 52.0 | 54.0 | 3.2 | 2.9 | 3.0 | .8 | .8 | .8 | 31.5 | 34.0 | 32.2 |
| Clarke | 72.0 | 85.0 | 82.0 | 4.5 | 3.9 | 3.7 | .4 | .4 | .4 | 26.5 | 27.0 | 25.3 |
| Decatur | 54.0 | 58.0 | 55.0 | 4.3 | 4.6 | 4.3 | 1.0 | .9 | .9 | 35.0 | 37.0 | 33.3 |
| Lucas | 60.0 | 69.0 | 69.0 | 5.3 | 4.7 | 4.4 | .7 | .7 | .7 | 24.0 | 24.5 | 23.0 |
| Madison | 130.0 | 145.0 | 165.0 | 12.0 | 10.5 | 9.8 | 1.0 | 1.1 | 1.1 | 31.5 | 31.0 | 32.9 |
| Marion | 220.0 | 250.0 | 270.0 | 18.0 | 15.0 | 14.0 | 2.3 | 2.2 | 2.2 | 22.0 | 24.0 | 21.3 |
| Monroe | 75.0 | 85.0 | 94.0 | 4.7 | 4.0 | 3.5 | 1.4 | 1.4 | 1.4 | 30.0 | 30.5 | 32.4 |
| Ringgold | 96.0 | 110.0 | 125.0 | 6.2 | 5.8 | 5.5 | 1.0 | 1.0 | .9 | 38.5 | 39.0 | 38.5 |
| Union | 85.0 | 100.0 | 110.0 | 8.6 | 7.9 | 7.3 | .8 | .8 | .8 | 31.0 | 31.0 | 32.6 |
| Warren | 120.0 | 140.0 | 160.0 | 10.0 | 8.2 | 7.5 | 2.4 | 2.4 | 2.2 | 26.0 | 27.0 | 26.7 |
| Wayne | 61.0 | 64.0 | 65.0 | 7.2 | 7.5 | 7.0 | 1.2 | 1.3 | 1.2 | 34.0 | 35.0 | 36.8 |
| S.C. District | 1,022.0 | 1,158.0 | 1,249.0 | 84.0 | 75.0 | 70.0 | 13.0 | 13.0 | 12.6 | 330.0 | 340.0 | 335.0 |
| Davis | 62.0 | 70.0 | 80.0 | 4.0 | 3.5 | 3.5 | 2.7 | 2.7 | 2.7 | 28.0 | 30.0 | 27.6 |
| Des Moines | 97.0 | 105.0 | 105.0 | 13.0 | 11.0 | 10.0 | .7 | .7 | .8 | 11.5 | 13.0 | 13.4 |
| Henry | 210.0 | 215.0 | 225.0 | 12.0 | 10.5 | 9.5 | .5 | .5 | .5 | 14.0 | 13.5 | 14.2 |
| Jefferson | 150.0 | 150.0 | 145.0 | 9.0 | 7.5 | 7.0 | .8 | .8 | .8 | 14.5 | 15.5 | 14.1 |
| Keokuk | 335.0 | 345.0 | 360.0 | 14.5 | 12.5 | 11.5 | .9 | .9 | 1.0 | 24.5 | 25.0 | 25.4 |
| Lee | 165.0 | 175.0 | 200.0 | 17.0 | 16.0 | 14.5 | 2.5 | 2.5 | 2.6 | 13.5 | 15.0 | 14.8 |
| Louisa | 115.0 | 120.0 | 130.0 | 9.5 | 8.0 | 7.5 | .1 | .1 | .1 | 6.5 | 7.5 | 7.1 |
| Mahaska | 380.0 | 410.0 | 465.0 | 42.5 | 39.5 | 36.5 | 2.1 | 2.1 | 2.0 | 18.0 | 20.5 | 17.2 |
| Van Buren | 86.0 | 100.0 | 105.0 | 5.0 | 4.5 | 4.5 | .9 | .9 | 1.0 | 22.0 | 24.0 | 25.7 |
| Wapello | 95.0 | 100.0 | 115.0 | 9.0 | 8.0 | 7.5 | .7 | .7 | .8 | 20.0 | 21.5 | 22.9 |
| Washington | 405.0 | 460.0 | 520.0 | 22.5 | 19.0 | 18.0 | 1.1 | 1.1 | 1.2 | 17.5 | 19.5 | 18.6 |
| S.E. District | 2,100.0 | 2,250.0 | 2,450.0 | 158.0 | 140.0 | 130.0 | 13.0 | 13.0 | 13.5 | 190.0 | 205.0 | 201.0 |
| State | 19,822.0 | 21,758.0 | 23,409.0 | 3,342.0 | 2,890.0 | 2,680.0 | 372.0 | 378.0 | 389.0 | 1,746.0 | 1,860.0 | 1,735.0 |

*District data totals exceed state totals due to rounding to thousands of head.
r/Revised figures.
e/Estimated figures.
Source: Iowa Crop & Livestock Reporting Service.

# grain fed sheep and lambs, hens and pullets

| | Grain Fed Sheep and Lambs Inventory (000) | | | Hens and Pullets of Laying Age (000) | | |
|---|---|---|---|---|---|---|
| | 1980 | 1981[r] | 1982[e] | 1978 | 1979[r] | 1980[e] |
| Buena Vista | 8.6 | 9.2 | 9.6 | 57.0 | 54.0 | 59.0 |
| Cherokee | 6.3 | 6.7 | 7.0 | 15.0 | 13.0 | 14.5 |
| Clay | 8.0 | 8.5 | 8.8 | 156.0 | 165.0 | 175.0 |
| Dickinson | 2.8 | 3.0 | 3.2 | 105.0 | 94.0 | 98.0 |
| Emmet | 1.2 | 1.3 | 1.4 | 84.0 | 74.0 | 80.0 |
| Lyon | 9.7 | 10.4 | 10.8 | 45.0 | 47.0 | 50.5 |
| O'Brien | 5.2 | 5.5 | 5.8 | 67.0 | 59.0 | 63.0 |
| Osceola | 3.1 | 3.3 | 3.5 | 73.0 | 62.0 | 67.0 |
| Palo Alto | 4.0 | 4.3 | 4.5 | 105.0 | 95.0 | 105.0 |
| Plymouth | 3.7 | 3.9 | 4.1 | 89.0 | 87.0 | 93.0 |
| Pocahontas | 4.3 | 4.6 | 4.8 | 150.0 | 150.0 | 160.0 |
| Sioux | 3.1 | 3.3 | 3.5 | 495.0 | 450.0 | 485.0 |
| Northwest District | 60.0 | 64.0 | 67.0 | 1,450.0 | 1,350.0 | 1,450.0 |
| Butler | 1.7 | 1.8 | 2.2 | 140.0 | 177.0 | 185.0 |
| Cerro Gordo | 2.1 | 2.2 | 2.7 | 93.0 | 66.0 | 66.0 |
| Floyd | 2.4 | 2.5 | 3.1 | 94.0 | 98.0 | 103.0 |
| Franklin | 7.3 | 7.7 | 9.1 | 235.0 | 230.0 | 235.0 |
| Hancock | 4.3 | 4.5 | 5.4 | 27.0 | 41.0 | 43.0 |
| Humboldt | 2.9 | 3.1 | 3.8 | 51.0 | 38.0 | 40.0 |
| Kossuth | 3.7 | 3.9 | 4.8 | 320.0 | 240.0 | 245.0 |
| Mitchell | 2.8 | 3.0 | 3.7 | 395.0 | 375.0 | 380.0 |
| Winnebago | 2.3 | 2.4 | 3.0 | 33.0 | 35.0 | 36.0 |
| Worth | 4.3 | 4.6 | 5.4 | 41.0 | 28.5 | 29.0 |
| Wright | 2.2 | 2.3 | 2.8 | 71.0 | 46.5 | 48.0 |
| North Central District | 36.0 | 38.0 | 46.0 | 1,500.0 | 1,375.0 | 1,410.0 |
| Allamakee | 1.8 | 1.9 | 2.3 | 58.0 | 40.0 | 41.0 |
| Black Hawk | 3.1 | 3.3 | 3.9 | 130.0 | 100.0 | 103.0 |
| Bremer | 3.0 | 3.2 | 3.9 | 69.0 | 65.0 | 66.0 |
| Buchanan | 1.8 | 1.9 | 2.3 | 120.0 | 80.0 | 81.0 |
| Chickasaw | 1.5 | 1.6 | 2.0 | 155.0 | 105.0 | 105.0 |
| Clayton | 2.5 | 2.7 | 2.3 | 140.0 | 110.0 | 112.0 |
| Delaware | 1.5 | 1.6 | 2.0 | 63.0 | 50.0 | 51.0 |
| Dubuque | 1.9 | 2.0 | 2.5 | 71.0 | 55.0 | 56.0 |
| Fayette | 2.7 | 2.9 | 3.6 | 250.0 | 240.0 | 245.0 |
| Howard | 4.2 | 4.5 | 5.3 | 130.0 | 85.0 | 85.0 |
| Winneshiek | 5.0 | 5.4 | 6.4 | 164.0 | 150.0 | 155.0 |
| Northeast District | 29.0 | 31.0 | 37.5 | 1,350.0 | 1,080.0 | 1,100.0 |
| Audubon | 7.2 | 7.6 | 8.3 | 64.0 | 77.0 | 75.0 |
| Calhoun | 6.4 | 6.7 | 7.4 | 73.0 | 75.0 | 74.0 |
| Carroll | 1.1 | 1.2 | 1.4 | 18.5 | 20.0 | 18.0 |
| Crawford | 6.2 | 6.5 | 7.4 | 110.0 | 105.0 | 100.0 |
| Greene | 6.2 | 6.5 | 7.4 | 6.5 | 7.1 | 6.8 |
| Guthrie | 3.9 | 4.1 | 4.7 | 105.0 | 95.0 | 93.0 |
| Harrison | 1.9 | 2.0 | 2.3 | 7.2 | 7.6 | 7.3 |
| Ida | 3.5 | 3.7 | 4.2 | 14.0 | 13.5 | 13.0 |
| Monona | 1.5 | 1.6 | 1.9 | 8.8 | 9.3 | 8.9 |
| Sac | 6.2 | 6.5 | 7.4 | 100.0 | 120.0 | 115.0 |
| Shelby | 3.4 | 3.6 | 4.1 | 33.0 | 30.0 | 29.0 |
| Woodbury | 9.5 | 10.0 | 11.0 | 10.0 | 10.5 | 10.0 |
| West Central District | 57.0 | 60.0 | 67.5 | 550.0 | 570.0 | 550.0 |
| Boone | 4.2 | 4.4 | 5.4 | 245.0 | 190.0 | 190.0 |
| Dallas | 1.5 | 1.6 | 2.0 | 185.0 | 150.0 | 145.0 |
| Grundy | 6.6 | 6.9 | 8.1 | 32.5 | 34.0 | 33.0 |
| Hamilton | 2.7 | 2.8 | 3.4 | 72.0 | 98.0 | 97.0 |
| Hardin | 2.9 | 3.0 | 3.7 | 76.0 | 60.0 | 60.0 |
| Jasper | 5.0 | 5.2 | 6.1 | 61.0 | 62.0 | 61.0 |
| Marshall | 4.2 | 4.4 | 5.4 | 76.0 | 51.0 | 50.0 |
| Polk | 1.7 | 1.8 | 2.2 | 4.5 | 9.0 | 9.0 |
| Poweshiek | 5.2 | 5.4 | 6.4 | 68.0 | 51.0 | 51.0 |
| Story | 3.3 | 3.5 | 4.3 | 110.0 | 95.0 | 94.0 |
| Tama | 4.9 | 5.1 | 6.2 | 130.0 | 120.0 | 115.0 |
| Webster | 1.8 | 1.9 | 2.3 | 840.0 | 830.0 | 820.0 |
| Central District | 44.0 | 46.0 | 55.5 | 1,900.0 | 1,750.0 | 1,725.0 |
| Benton | 4.4 | 4.7 | 5.1 | 46.0 | 32.5 | 36.5 |
| Cedar | 7.4 | 8.0 | 8.5 | 31.0 | 27.0 | 31.0 |
| Clinton | 2.0 | 2.1 | 2.3 | 67.0 | 45.5 | 51.0 |
| Iowa | 5.8 | 6.2 | 6.7 | 40.5 | 26.0 | 29.0 |
| Jackson | 2.1 | 2.2 | 2.4 | 91.0 | 63.0 | 67.0 |
| Johnson | 10.5 | 11.3 | 12.0 | 165.0 | 115.0 | 125.0 |
| Jones | 3.4 | 3.7 | 4.0 | 16.5 | 14.0 | 15.5 |
| Linn | 3.1 | 3.3 | 3.6 | 73.0 | 48.0 | 52.0 |
| Muscatine | 1.9 | 2.0 | 2.2 | 12.0 | 11.0 | 13.0 |
| Scott | 1.4 | 1.5 | 1.7 | 88.0 | 83.0 | 90.0 |
| East Central District | 42.0 | 45.0 | 48.5 | 630.0 | 465.0 | 510.0 |
| Adair | 5.8 | 6.3 | 7.4 | 12.5 | 13.0 | 12.0 |
| Adams | 1.3 | 1.4 | 1.7 | 5.9 | 6.1 | 5.5 |
| Cass | 6.7 | 7.2 | 8.4 | 81. | 8.5 | 7.7 |
| Fremont | 1.1 | 1.2 | 1.5 | 2.3 | 2.3 | 2.1 |
| Mills | 1.1 | 1.2 | 1.5 | 3.4 | 3.6 | 3.2 |
| Montgomery | 2.4 | 2.6 | 3.2 | 7.6 | 7.9 | 7.3 |
| Page | 1.4 | 1.5 | 1.8 | 9.2 | 9.6 | 8.7 |
| Pottawattamie | 3.0 | 3.2 | 3.9 | 42.0 | 43.5 | 41.0 |
| Taylor | 3.2 | 3.4 | 4.1 | 34.0 | 35.5 | 32.5 |
| Southwest District | 26.0 | 28.0 | 33.5 | 125.0 | 130.0 | 120.0 |
| Appanoose | 8.4 | 9.2 | 9.2 | 2.0 | 2.2 | 2.6 |
| Clarke | 1.8 | 2.0 | 2.0 | 4.2 | 4.5 | 5.0 |
| Decatur | 3.0 | 3.3 | 3.3 | 2.3 | 2.5 | 2.8 |
| Lucas | 5.5 | 6.1 | 6.1 | 25.4 | 22.0 | 25.0 |
| Madison | 4.1 | 4.5 | 4.5 | 20.5 | 23.0 | 26.0 |
| Marion | 5.6 | 6.1 | 6.1 | 89.0 | 81.0 | 93.0 |
| Monroe | 5.0 | 5.4 | 5.4 | 14.0 | 14.0 | 15.5 |
| Ringgold | 2.7 | 2.9 | 2.9 | 14.5 | 15.0 | 17.5 |
| Union | 1.9 | 2.1 | 2.1 | 1.6 | 2.3 | 2.6 |
| Warren | 1.7 | 1.8 | 1.8 | 42.5 | 50.0 | 55.0 |
| Wayne | 3.3 | 3.6 | 3.6 | 9.0 | 13.5 | 15.0 |
| South Central District | 43.0 | 47.0 | 47.0 | 225.0 | 230.0 | 260.0 |
| Davis | 23.2 | 25.6 | 27.0 | 56.0 | 63.0 | 66.0 |
| Des Moines | 1.7 | 1.8 | 2.0 | 30.0 | 33.7 | 35.0 |
| Henry | 5.9 | 6.5 | 6.9 | 54.0 | 23.0 | 25.0 |
| Jefferson | 3.9 | 4.3 | 4.6 | 7.4 | 8.0 | 8.0 |
| Keokuk | 9.0 | 9.9 | 10.2 | 35.0 | 74.0 | 75.0 |
| Lee | 5.6 | 6.1 | 6.5 | 16.5 | 12.0 | 14.0 |
| Louisa | 1.2 | 1.3 | 1.4 | 3.4 | 3.3 | 3.5 |
| Mahaska | 3.8 | 4.2 | 4.5 | 240.0 | 190.0 | 195.0 |
| Van Buren | 6.3 | 6.9 | 7.3 | 6.7 | 8.0 | 8.5 |
| Wapello | 4.2 | 4.6 | 4.9 | 135.0 | 130.0 | 135.0 |
| Washington | 6.2 | 6.8 | 7.2 | 86.0 | 205.0 | 210.0 |
| Southeast District | 71.0 | 78.0 | 82.5 | 670.0 | 750.0 | 775.0 |
| State | 408.0 | 437.0 | 485.0 | 8,400.0 | 7,700.0 | 7,900.0 |

r/Revised
e/Estimates
Source: Iowa Crop and Livestock Reporting Service.

# Iowa is surprisingly industrial

Since Iowa is often considered an agricultural state, many people do not realize industry generates about three times as much in total revenue as does agriculture.

Because Iowa workers are among the most highly educated and are more productive than the national average, capital intensive, well-paying industries are attracted to the state. One hundred thirty of *Fortune's* "Top 500" companies have manufacturing plants in Iowa.

INDUSTRIAL DEVELOPMENT ACTIVITY IN IOWA

| | New Industry | | Expansions | | Totals | |
|---|---|---|---|---|---|---|
| | Number | Capital Investment (000) | Number | Capital Investment (000) | Number | Capital Investment (000) |
| 1972 | 75 | 71,346 | 181 | 122,733 | 256 | 194,079 |
| 1973 | 98 | 202,801 | 277 | 322,477 | 375 | 525,278 |
| 1974 | 88 | 85,268 | 227 | 275,919 | 315 | 361,187 |
| 1975 | 61 | 88,135 | 125 | 183,982 | 186 | 272,117 |
| 1976 | 75 | 58,884 | 156 | 318,343 | 231 | 377,227 |
| 1977 | 75 | 59,732 | 113 | 321,821 | 188 | 381,553 |
| 1978 | 75 | 72,603 | 130 | 398,414 | 205 | 471,017 |
| 1979 | 100 | 275,096 | 176 | 491,709 | 276 | 766,805 |
| 1980 | 87 | 410,920 | 144 | 233,974 | 231 | 644,894 |
| 1981 | 54 | 61,710 | 93 | 93,034 | 147 | 154,744 |
| 10 yr. Totals | 788 | 1,386,495 | 1,622 | 2,762,406 | 2,410 | 4,150,901 |

Source: Industrial Development Division, Iowa Development Commission.

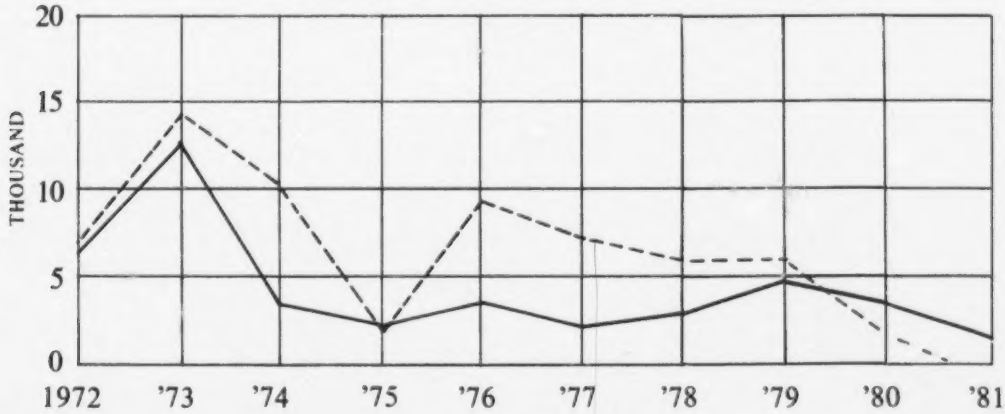
# workers are 20% better

Compared to the average American production worker, Iowans are 20 percent more efficient. They put in the equivalent of 62½ weeks a year, or 48 hours a week, when stacked against the national average.

This means the typical Iowa worker produces $9,887 more value per year than his average counterpart throughout America.

**Iowa workers work.**

NEW JOBS CREATED IN MANUFACTURING




NEW INDUSTRY ---------- PLANT EXPANSIONS

| | | |
|---|---|---|
| 10 YR. TOTALS - NEW INDUSTRY | | 41,311 |
| | PLANT EXPANSIONS | 65,597 |
| | TOTAL | 106,908 |

Source: Industrial Development Division, Iowa Development Commission.

*Check the advantages of locating facilities in Iowa. Each year new factors conducive to growth and expansion are added to Iowa's growing list of industrial advantages.*

# industrial revenue bonds, 1981

Iowa law permits city and county governments to authorize revenue bonds for up to $10 million, for buildings, buying land and equipping plants. The table below shows bonds issued 1979 through 1981.

| City | Amount ($000) | Employment[1] Initial |
|---|---|---|
| **1979** | | |
| Adair | 670 | B |
| Albia | 265 | A |
| Aigona | 1,000 | A |
| Alton | 300 | A |
| Bettendorf | 600 | B |
| Boone | 2,100 | A |
| Burlington | 700 | A |
| Camanche | 300 | A |
| Camanche | 100 | A |
| Cedar Rapids | 275 | A |
| Cedar Rapids | 998 | C |
| Cedar Rapids | 1,000 | A |
| Cerro Gordo County | 1,000 | A |
| Cherokee | 1,000 | B |
| Clinton | 600 | B |
| Council Bluffs | 1,100 | A |
| Davenport | 750 | B |
| Davenport | 500 | A |
| Davenport | 1,000 | A |
| Davenport | 500 | A |
| Decorah | 700 | C |
| Des Moines | 1,000 | A |
| Des Moines | 7,000 | N/A |
| Des Moines | 1,000 | N/A |
| Dubuque County | 1,000 | B |
| Dubuque | 410 | A |
| Fairfield | 900 | C |
| Fairfield | 175 | A |
| Fremont | 210 | A |
| Hancock County | 3,500 | A |
| Jasper County | 600 | A |
| Keosauqua | 1,400 | B |
| Kossuth County | 800 | A |
| Kossuth County | 600 | A |
| LeMars | 1,500 | A |
| Lineville | 200 | A |
| Mason City | 6,000 | E |
| Marion | 600 | A |
| McGregor | 1,500 | A |
| Milford | 800 | C |
| Mount Pleasant | 1,900 | A |
| Mount Pleasant | 356 | B |
| Muscatine | 2,800 | B |
| Muscatine | 1,300 | C |
| Northwood | 210 | A |
| Oakland | 3,500 | D |
| Osage | 1,500 | B |
| Osceola | 450 | B |
| Oskaloosa | 950 | B |
| Polk County | 450 | A |
| Polk County | 400 | A |
| Polk County | 550 | A |
| Polk County | 510 | A |
| Red Oak | 5,500 | C |
| Sac City | 725 | A |
| Sioux City | 480 | A |
| Somers | 1,200 | A |
| Superior | 300 | A |
| Urbandale | 525 | A |
| Waukee | 700 | A |
| Waterloo | 3,000 | A |
| Waterloo | 600 | B |
| Waterloo | 1,000 | A |
| West Des Moines | 1,500 | A |
| **1980** | | |
| Albia | 300 | A |
| Alden | 50 | A |
| Ames | 430 | A |
| Ankeny | 850 | B |
| Bettendorf | 725 | A |
| Boone | 300 | A |
| Boone | 900 | A |
| Boyden | 500 | B |
| Camanche | 500 | D |
| Cascade | 350 | A |
| Cedar Falls | 600 | A |
| Cedar Rapids | 560 | E |
| Cedar Rapids | 550 | A |
| Cedar Rapids | 3,000 | B |
| Cedar Rapids | 560 | A |
| Cedar Rapids | 3,000 | B |
| Cedar Rapids | 2,500 | C |
| Cedar Rapids | 670 | A |
| Centerville | 650 | B |
| Chariton | 450 | C |
| Chariton | 4,000 | B |
| Chickasaw County | 400 | A |
| Clare | 200 | A |
| Clive | 425 | A |
| Clive | 1,900 | A |
| Clive | 750 | A |
| Clive | 750 | A |
| Clive | 300 | A |
| Council Bluffs | 220 | A |
| Council Bluffs | 400 | A |
| Corydon | 500 | A |
| Dallas County | 4,500 | D |
| Davenport | 9,630 | D |
| Davenport | 500 | A |
| Denison | 2,000 | A |
| Des Moines | 700 | A |
| Des Moines | 315 | A |
| Des Moines | 400 | A |
| Dexter | 350 | A |
| Dubuque | 1,000 | A |
| Eldridge | 475 | A |
| Eldridge | 300 | A |
| Estherville | 550 | B |
| Fairfield | 660 | A |
| Fort Dodge | 4,400 | C |
| Forest City | 150 | B |
| Greene County | 1,750 | A |
| Greenfield | 4,750 | A |
| Iowa City | 1,500 | C |
| Jasper County | 600 | A |
| LeMars | 1,000 | A |
| Manchester | 9,000 | A |
| Marcus | 1,500 | D |
| Marengo | 10,000 | C |
| Mason City | 450 | A |
| Mason City | 4,500 | D |
| Mount Pleasant | 4,500 | A |
| Muscatine County | 3,500 | A |
| Newton | 600 | A |
| Ocheyden | 200 | A |
| Oelwein | 565 | B |
| Orange City | 1,500 | A |
| Orange City | 1,000 | B |
| Orange City | 500 | A |
| O-kaloosa | 500 | A |
| Pella | 400 | A |
| Pella | 175 | A |
| Polk County | 225 | A |
| Polk County | 250 | A |
| Polk County | 400 | A |
| Polk County | 971 | A |
| Polk County | 1,000 | A |
| Polk County | 1,000 | A |
| Polk County | 500 | A |
| Preston | 500 | A |
| Sibley | 600 | B |
| Sioux City | 500 | A |
| Spencer | 683 | D |
| Spencer | 250 | A |
| Spencer | 250 | A |
| Steamboat Rock | 150 | A |
| Storm Lake | 3,690 | A |
| Tama | 800 | A |
| Tipton | 700 | B |
| Wapello | 900 | B |
| Waterloo | 450 | A |
| Webster City | 400 | A |
| Webster City | 500 | A |
| West Des Moines | 925 | A |
| West Des Moines | 340 | A |
| **1981** | | |
| Adel | 200 | A |
| Adel | 200 | A |
| Alden | 600 | A |
| Altoona | 700 | A |
| Appanoose County | 700 | A |
| Bettendorf | 440 | A |
| Bettendorf | 420 | A |
| Boone County | 800 | A |
| Boone County | 325 | A |
| Burlington | 6,000 | A |
| Burlington | 2,000 | A |
| Burlington | 1,700 | A |
| Burlington | 300 | B |
| Camanche | 4,500 | C |
| Camanche | 600 | A |
| Camanche | 250 | A |
| Cedar Falls | 500 | A |
| Cedar Rapids | 560 | A |
| Cedar Rapids | 1,000 | A |
| Cedar Rapids | 900 | B |
| Cedar Rapids | 400 | A |
| Cedar Rapids | 500 | A |
| Cedar Rapids | 825 | A |
| Cedar Rapids | 825 | A |
| Cedar Rapids | 1,000 | A |
| Cedar Rapids | 720 | A |
| Cedar Rapids | 750 | A |
| Cedar Rapids | 1,000 | A |
| Cedar Rapids | 7,000 | A |
| Cedar Rapids | 340 | A |
| Cedar Rapids | 435 | A |
| Cedar Rapids | 288 | A |
| Cedar Rapids | 500 | A |
| Charles City | 135 | A |
| Charles City | 400 | A |
| Clarinda | 75 | A |
| Clear Lake | 3,000 | A |
| Clear Lake | 400 | B |
| Clinton | 3,200 | B |
| Clive | 1,700 | A |
| Clive | 500 | A |
| Corning | 4,500 | D |
| Council Bluffs | 300 | A |
| Council Bluffs | 1,000 | A |
| Council Bluffs | 220 | A |
| Council Bluffs | 850 | A |
| Council Bluffs | 415 | A |
| Council Bluffs | 300 | A |
| Council Bluffs | 300 | A |
| Council Bluffs | 400 | A |
| Davenport | 700 | A |
| Davenport | 550 | A |
| Davenport | 600 | A |
| Davenport | 700 | A |
| Davenport | 800 | C |
| Davenport | 550 | A |
| Davenport | 5,500 | A |
| Des Moines | 2,000 | A |
| Des Moines | 1,000 | A |
| Des Moines | 450 | A |
| Des Moines | 6,000 | A |
| Des Moines | 10,250 | A |
| Des Moines | 3,000 | A |
| Des Moines | 1,000 | A |
| Des Moines | 3,875 | A |
| Des Moines | 1,200 | A |
| Dubuque | 440 | A |
| Dubuque | 1,600 | A |
| Dubuque | 430 | A |
| Dumont | 140 | A |
| Eldridge | 1,150 | D |
| Eldridge | 1,150 | A |
| Eldridge | 450 | A |
| Eldridge | 575 | A |
| Eldridge | 1,200 | A |
| Eldridge | 350 | A |
| Eldora | 700 | A |
| Estherville | 300 | A |
| Fairfield | 250 | A |
| Fort Dodge | 200 | A |
| Fort Dodge | 3,400 | A |
| Fort Dodge | 450 | B |
| Gilmore | 400 | A |
| Grundy Center | 1,000 | B |
| Harlan | 600 | A |
| Harlan | 700 | A |
| Indianola | 450 | A |
| Iowa City | 100 | A |
| Iowa City | 70 | A |
| Iowa City | 150 | A |
| Iowa City | 150 | A |
| Iowa City | 70 | A |
| Iowa City | 100 | A |
| Iowa City | 1,600 | A |
| Iowa Falls | 190 | A |
| Iowa Falls | 1,000 | A |
| Iowa Falls | 1,000 | A |
| Jefferson | 1,000 | A |
| Johnston | 1,550 | B |
| Knoxville | 150 | A |
| Knoxville | 65 | A |
| Le Mars | 1,500 | A |
| Le Mars | 400 | A |
| Marion | 900 | A |
| Marshalltown | 450 | A |
| Mason City | 200 | A |
| Mason City | 360 | A |
| Mason City | 1,000 | A |
| Mason City | 350 | A |
| Mason City | 275 | A |
| Mason City | 1,000 | A |
| Mason City | 375 | A |
| Mediapolis | 560 | C |
| Monticello | 400 | A |
| Muscatine | 3,600 | A |
| Ottumwa | 1,360 | B |
| Ottumwa | 400 | A |
| Ottumwa | 800 | A |
| Ottumwa | 400 | A |
| Ottumwa | 450 | B |
| Parkersburg | 110 | A |
| Polk County | 1,125 | A |
| Polk County | 800 | A |
| Redfield | 36 | A |
| Rippey | 800 | A |
| Ryan | 350 | A |
| Sioux Center | 650 | B |
| Sioux Center | 600 | B |
| Sioux Center | 1,000 | B |
| Sioux City | 350 | A |
| Sioux City | 200 | A |
| Sioux City | 1,500 | A |
| Sioux City | 850 | A |
| Sioux City | 1,200 | A |
| Van Buren Co. | 1,400 | A |
| Washington | 205 | A |
| Waterloo | 200 | A |
| Waterloo | 650 | A |
| Waverly | 1,400 | B |
| Waverly | 700 | A |
| Webster City | 500 | A |
| Webster City | 2,000 | A |
| Webster Co. | 3,900 | A |
| West Des Moines | 660 | A |
| West Des Moines | 500 | A |
| West Des Moines | 1,500 | A |
| Wilton | 500 | B |
| 1981 Total | 788,108 | |

N/A = Not Available

[1]Employment Code A=1-20, B=21-50, C=51-100, D=101-250, E=251-500, F=501-1,000, G=Over 1,000.

Source: Industrial Development Division, Iowa Development Commission.

# Iowa gives tax break for pollution control

Iowa law includes revenue bond financing for pollution control facilities. Under Internal Revenue regulations, such bonds are tax-free for the investor. Table shows bonds issued 1978 through 1981.

| City | Amount ($000) |
|---|---|
| **1978** | |
| Chillicothe | 5,900 |
| Council Bluffs | 2,730 |
| Hancock County | 1,270 |
| Pleasant Hill | 1,270 |
| Pleasant Hill | 1,000 |
| **1979** | |
| Clinton | 6,650 |
| Hancock County | 180 |
| Independence | 1,000 |
| Lisbon | 190 |
| **1980** | |
| Chillicothe | 5,300 |
| Chillicothe | 6,850 |
| Chillicothe | 6,400 |
| Chillicothe | 2,400 |
| Chillicothe | 1,000 |
| Fort Madison | 3,000 |
| **1981** | |
| Louisa County | 25,000 |
| Louisa County | 1,000 |
| Louisa County | 21,500 |
| Louisa County | 9,900 |
| Monticello | 370 |

Source: Industrial Division, Iowa Development Commission.

# trouble getting credit? IOWA helps

The Iowa Business Development Credit Corporation is set up to finance sound Iowa business enterprises that might be unable to get reasonable financing elsewhere. The table below shows Iowa's good record.

(Dollars in 000)

| BDC | # of New Loans | New Loans Gross $ Amount | Total # of Loans Outstanding | Loans Outstanding Net $ *Amount | Net Loan Charge Off During 1981 |
|---|---|---|---|---|---|
| Arkansas | 6 | $2,180 | 19 | $ 6,527 | 0 |
| Florida | 9 | 1,831 | 40 | 7,216 | 119 |
| Georgia | 18 | 3,675 | 34 | 7,335 | (34) |
| IOWA | 7 | 755 | 46 | 3,442 | (1) |
| Kansas | 6 | 2,100 | 37 | 5,602 | 46 |
| Kentucky | 1 | 180 | 12 | 2,199 | 155 |
| Maryland | 10 | 1,885 | 47 | 6,099 | (47) |
| Massachusetts | 25 | 9,450 | 63 | 12,735 | 0 |
| Missouri | 10 | 1,007 | 52 | 6,271 | 45 |
| Montana | 0 | 0 | 1 | 68 | 5 |
| Nebraska | 0 | 0 | 16 | 1,292 | 81 |
| Nevada | 5 | 1,443 | 2 | 297 | 0 |
| New Hampshire | 2 | 240 | 21 | 1,743 | 29 |
| New York | 22 | 8,964 | 120 | 15,443 | 27 |
| North Carolina | 0 | 0 | 32 | 5,621 | 0 |
| North Dakota | 9 | 1,639 | 29 | 2,830 | 54 |
| Oklahoma | 5 | 1,830 | 8 | 2,487 | 0 |
| Pennsylvania | 13 | 1,885 | 26 | 4,003 | 16 |
| Southeastern Pennsylvania | 11 | 2,750 | 33 | 5,583 | (9) |
| Western Pennsylvania | 8 | 659 | 32 | 3,702 | 0 |
| Rhode Island | 2 | 185 | 14 | 1,717 | 1 |
| South Carolina | 3 | 415 | 19 | 1,206 | 63 |
| Eastern Washington | 2 | 100 | 29 | 1,059 | (2) |
| Wyoming | 27 | 5,328 | 59 | 7,332 | 21 |

( ) = indicates recovery from previous years.
* = Net of participations used since gross amount was not available.
Source: National Association of Business Development Corporations.

# 130 of top 500 have 293 plants in Iowa

| Company | Rank |
|---|---|
| Amax | 152 |
| AMF | 245 |
| Air Products & Chemical Inc. | 228 |
| Aluminum Co. of America | 78 |
| American Can Co. | 81 |
| American Cyamamid | 106 |
| American Hoist & Derrick | 437 |
| American Home Products Corp. | 93 |
| American Standard | 165 |
| Amsted Industries | 345 |
| Anderson, Clayton & Co. | 202 |
| Archer Daniels Midland Co. | 107 |
| Armco Steel | 51 |
| Armstrong Rubber | 448 |
| Beatrice Foods Co. | 41 |
| Bendix Corporation | 86 |
| Borg-Warner Corp. | 155 |
| Campbell Taggart Inc. | 270 |
| Carnation Co. | 121 |
| Caterpillar Tractor Co. | 37 |
| Central Soya Co. | 199 |
| Certain-Teed/Daymond Co. | 334 |
| Cessna Aircraft | 302 |
| Champion International | 97 |
| Champion Spark Plug | 354 |
| Coca Cola Co. | 58 |
| Con Agra Inc. | 255 |
| Consolidated Foods | 63 |
| Continental Group | 74 |
| Crane Co. | 224 |
| Dart & Kraft | 29 |
| Dayco Corp. | 364 |
| Deere & Company | 65 |
| Deluxe Check Printers, Inc. | 470 |
| Dow Chemical | 24 |
| Dow Jones Inc. | 414 |
| Dresser Industries | 83 |
| E. I. duPont deNemours | 12 |
| Eaton Corp. | 139 |
| Emerson Electric Co. | 118 |
| Esmark Inc. | 127 |
| Ethyl Corp. | 214 |
| EX-CELL-O Corp. | 292 |
| FMC Corp. | 109 |
| Farmland Industries | 64 |
| Federal Co. | 296 |
| Firestone Tire & Rubber Co. | 88 |
| Fruehauf Corp. | 183 |
| Gannett Co. Inc. | 258 |
| General Electric | 11 |
| General Foods Corp. | 52 |
| General Mills, Inc. | 80 |
| General Motors | 3 |
| Georgia-Pacific Corp. | 67 |
| Getty Oil Co. | 23 |
| Goodyear Tire & Rubber Co. | 38 |
| W. R. Grace & Co. | 53 |
| Greyhound Corp. | 82 |
| Gulf & Western Industries Inc. | 61 |
| Harnischfeger Corp. | 412 |
| Harsco Corporation | 286 |
| H. J. Heinz Co. | 111 |
| Hoover Universal Inc. | 445 |
| Geo. A. Hormel & Co. | 247 |
| IC Industries Inc. | 92 |
| International Harvester | 46 |
| International Multifoods Corp. | 298 |
| International Paper Co. | 77 |
| International Telephone & Telegraph | 14 |
| Kaiser Aluminum & Chemical Corp. | 136 |
| Kane-Miller Corp. | 401 |
| Kidde, Walter & Co. Inc. | 149 |
| LTV Corporation | 40 |
| Land O'Lakes, Inc. | 115 |
| Lear Siegler, Inc. | 235 |
| Libby-Owens-Ford Co. | 275 |
| Thomas J. Lipton | 340 |
| Litton Industries, Inc. | 79 |
| Manville Corp. | 181 |
| Mapco Inc. | 182 |
| Martin Marietta Corp. | 130 |
| Mead Corp. | 146 |
| Mid American Dairymen | 283 |
| Midland Cooperatives | 467 |
| Minnesota, Mining & Manufacturing Co. | 54 |
| Monsanto Co. | 50 |
| Motorola Inc. | 126 |
| National Distillers & Chemical Co. | 218 |
| National Gypsum Co. | 317 |
| North American Phillips Corp. | 131 |
| Occidental Petroleum | 18 |
| Parker Hannifin Corp. | 295 |
| Pepsico | 49 |
| Pfizer, Inc. | 133 |
| Phillips Petroleum | 15 |
| Procter & Gamble | 25 |
| Quaker Oats Co. | 161 |
| Ralston Purina Co. | 73 |
| Rath Packing Co. | 491 |
| Raytheon Co. | 62 |
| Rexnord Inc. | 290 |
| Rockwell International | 48 |
| St. Regis Paper Co. | 151 |
| G. D. Searle & Co. | 304 |
| Shellar-Globe Corp. | 466 |
| Signal Co. | 70 |
| Sperry Rand Corp. | 66 |
| Sonoco Products | 457 |
| Square D Co. | 289 |
| A. E. Staley Mfg. Co. | 192 |
| Standard Oil of California | 5 |
| Standard Oil of Indiana | 7 |
| Sundstrand Corp. | 305 |
| Sybron Corp. | 365 |
| TRW Inc. | 71 |
| Tenneco, Inc. | 16 |
| Textron Inc. | 124 |
| Union Carbide Corp. | 30 |
| Uniroyal, Inc. | 177 |
| United Brands | 95 |
| United States Gypsum Co. | 234 |
| United States Steel Corp. | 19 |
| Upjohn Co. | 205 |
| Jim Walter Corp. | 191 |
| Western Electric | 22 |
| Westinghouse Corp. | 34 |
| Weyerhauser Co. | 84 |
| Wheelabrator Frye, Inc. | 209 |
| White Consolidated Industries | 184 |
| Witco Chemical Corp. | 267 |

Source: 1981 Fortune Magazine's annual listing of 500 largest manufacturers ranked by sales.

# open port warehousing favors distribution

You can move goods into an Iowa warehouse, divide them, repackage them, label them—all without paying any property tax so long as the goods are destined for final delivery outside Iowa.

This is a tremendous advantage to a distributor of, say, consumer goods who ships to major geographic areas in bulk, but breaks shipments into smaller units for delivery into more limited market areas.

# Iowa tops production value per worker

| | 1960 | 1965 | 1970 | 1975 | 1977 | 1978 |
|---|---|---|---|---|---|---|
| owa | $14,076 | $19,005 | $25,046 | $44,001 | $51,269 | $56,071 |
| linnesota | 15,129 | 19,621 | 24,312 | 37,607 | 44,008 | 47,800 |
| ansas | 15,224 | 19,056 | 24,805 | 36,159 | 44,214 | 46,514 |
| linois | 14,914 | 18,858 | 24,089 | 39,225 | 46,948 | 51,556 |
| ebraska | 13,892 | 18,169 | 24,950 | 38,254 | 45,957 | 48,575 |
| lissouri | 13,468 | 17,065 | 22,293 | 34,347 | 42,640 | 48,771 |
| Visconsin | 13,762 | 16,924 | 21,885 | 35,403 | 43,729 | 47,129 |
| outh Dakota | 12,170 | 14,827 | 19,025 | 26,488 | 37,103 | 41,022 |
| ndiana | 14,134 | 18,218 | 22,197 | 34,696 | 43,374 | 47,433 |
| hio | 15,155 | 19,082 | 23,544 | 37,201 | 46,900 | 50,796 |
| lidwest Average[1] | 14,079 | 17,941 | 23,301 | 36,436 | 44,614 | 48,567 |
| nited States Average | 13,431 | 17,355 | 22,193 | 35,065 | 42,734 | 46,184 |

verage is simple average rather than weighted average of the ten state area including Iowa.
ource: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

# Iowa's value-added-per-payroll-dollar ranks high[1]

| | 1960 | 1965 | 1970 | 1975 | 1977 | 1978 |
|---|---|---|---|---|---|---|
| owa | $1.97 | $2.16 | $2.22 | $2.58 | $2.58 | $2.64 |
| linnesota | 1.90 | 2.03 | 1.94 | 1.96 | 1.97 | 2.03 |
| ansas | 2.06 | 2.25 | 2.32 | 2.48 | 2.51 | 2.43 |
| llinois | 1.85 | 2.02 | 1.94 | 2.06 | 2.14 | 2.18 |
| ebraska | 2.02 | 2.31 | 2.58 | 2.68 | 2.54 | 2.63 |
| lissouri | 1.92 | 1.95 | 1.92 | 2.08 | 2.23 | 2.29 |
| Visconsin | 1.83 | 1.93 | 1.91 | 2.14 | 2.27 | 2.22 |
| outh Dakota | 1.92 | 2.02 | 1.91 | 2.24 | 2.45 | 2.41 |
| ndiana | 1 89 | 2.09 | 1.97 | 2.04 | 2.16 | 2.19 |
| hio | 1.69 | 1.95 | 1.88 | 2.02 | 2.10 | 2.10 |
| lidwest Average[2] | 1.93 | 2.08 | 2.09 | 2.28 | 2.29 | 2.31 |
| nited States Average | 1.96 | 1.99 | 1.96 | 2.10 | 2.20 | 2.20 |

ayroll of all employees.
verage is a simple average rather than a weighted average of ten state area including Iowa.
ource: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

# Iowa industrial statistics by cities and counties, 1978

| Ind. Code | | All employees: Number (1,000) | All employees: Payroll (million dollars) | Production workers: Number (1,000) | Production workers: Hours (millions) | Production workers: Wages (million dollars) | Value added by manufacture (million dollars) | Cost of materials (million dollars) | Value of shipments (million dollars) | New capital expenditures (million dollars) | End-of-year inventories (million dollars) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | I | J |
| | Standard Metropolitan Statistical Areas[1] | 246.6 | 3,725.4 | 175.6 | 338.5 | 2,430.5 | 9,846.1 | 16,840.0 | 26,547.5 | 840.3 | 3,093.0 |
| | Cedar Rapids, Iowa | 28.6 | 449.8 | 16.9 | 33.8 | 246.0 | 1,148.6 | 1,716.8 | 2,817.7 | 74.7 | 445.4 |
| 20 | Food and Kindred Products | 6.0 | 102.4 | 4.0 | 8.0 | 63.8 | 357.9 | 1,135.4 | 1,488.1 | 28.0 | 77.9 |
| 204 | Grain Mill Products | 3.0 | 46.9 | 1.8 | 3.7 | 24.4 | 276.8 | 360.0 | 634.2 | 12.4 | 37.2 |
| 353 | Construction, Related Machinery | 4.5 | 80.1 | 2.9 | 6.1 | 51.9 | 182.4 | 194.8 | 350.4 | 9.0 | 156.4 |
| | Davenport-Rock Island-Moline, Iowa-Ill. | 47.0 | 891.9 | 33.2 | 63.8 | 564.2 | 1,759.5 | 2,929.9 | 4,644.9 | 195.5 | 776.9 |
| 20 | Food and Kindred Products | 4.9 | 82.6 | 4.0 | 7.5 | 61.3 | 238.3 | 709.5 | 944.7 | 13.3 | 34.4 |
| 201 | Meat Products | 2.9 | 50.2 | 2.5 | 4.5 | 41.2 | 95.7 | 535.1 | 627.5 | (D) | 17.0 |
| 33 | Primary Metal Industries | 5.8 | 123.4 | 4.6 | 9.5 | 89.6 | 205.5 | 583.2 | 794.3 | 39.3 | 256.5 |
| 35 | Machinery, Except Electric | 23.8 | 480.8 | 17.6 | 34.4 | 337.0 | 1,057.4 | 1,387.2 | 2,394.0 | 125.5 | 405.5 |
| 353 | Construction, Related Machinery | 5.9 | 122.2 | 4.2 | 8.1 | 82.5 | 219.2 | 351.7 | 559.1 | 72.4 | 113.3 |
| | Des Moines, Iowa | 25.6 | 405.8 | 16.4 | 31.1 | 241.8 | 904.5 | 1,614.5 | 2,512.9 | 66.8 | 248.5 |
| 20 | Food and Kindred Products | 4.8 | 54.2 | 2.0 | 3.9 | 27.9 | 164.6 | 824.5 | 979.6 | 11.9 | 46.3 |
| 27 | Printing and Publishing | 5.9 | 88.8 | 3.1 | 5.7 | 43.5 | 217.1 | 211.4 | 427.1 | 18.4 | 25.6 |
| 352 | Farm and Garden Machinery | 3.7 | 70.6 | 2.8 | 4.8 | 49.2 | 140.6 | 170.7 | 320.7 | (D) | 45.7 |
| | Dubuque, Iowa | 16.3 | 306.1 | 11.9 | 22.4 | 212.0 | 749.0 | 1,127.9 | 1,867.2 | 27.4 | 226.7 |
| | Omaha, Nebr.-Iowa | 36.6 | 513.4 | 26.8 | 52.8 | 335.5 | 1,347.5 | 3,323.9 | 4,634.8 | 76.1 | 397.6 |
| 20 | Food and Kindred Products | 10.0 | 146.4 | 7.7 | 16.2 | 106.2 | 499.4 | 2,215.6 | 2,692.6 | 31.0 | 121.2 |
| 201 | Meat Products | 4.8 | 68.9 | 4.2 | 8.7 | 57.8 | 138.5 | 1,728.4 | 1,846.0 | 7.5 | 55.8 |
| 27 | Printing and Publishing | 4.0 | 42.0 | 2.7 | 4.8 | 25.4 | 67.2 | 55.5 | 127.7 | 2.4 | 4.7 |
| 35 | Machinery, Except Electric | 4.3 | 66.6 | 3.0 | 6.0 | 40.0 | 124.5 | 119.6 | 244.3 | 7.7 | 49.9 |
| 36 | Electric, Electronic Equip. | 3.7 | 58.7 | 3.0 | 5.6 | 43.1 | 130.4 | 87.7 | 215.9 | (D) | 32.4 |
| | Sioux City, Iowa-Nebr. | 10.4 | 150.2 | 6.9 | 14.6 | 86.9 | 297.7 | 1,919.3 | 2,204.3 | 42.5 | 105.7 |
| 20 | Food and Kindred Products | 5.2 | 73.7 | 4.2 | 8.9 | 56.8 | 178.0 | 1,663.5 | 1,830.4 | 22.5 | 46.1 |
| 201 | Meat Products | 3.8 | 54.1 | 3.4 | 7.2 | 47.4 | 91.1 | 1,322.4 | 1,404.9 | 9.7 | 19.4 |
| | Waterloo-Cedar Falls, Iowa | 21.5 | 397.1 | 15.8 | 29.2 | 280.4 | 994.4 | 1,006.0 | 1,971.6 | (D) | 255.2 |

1977

| Counties[1] | All establishments[2]: Total (number) | All establishments[2]: With 20 employees or more (number) | All employees[3]: Number (1,000) | All employees[3]: Payroll (million dollars) | Production workers: Number (1,000) | Production workers: Hours (millions) | Production workers: Wages (million dollars) | Value added by manufacture (million dollars) | Cost of materials[3] (million dollars) | Value of shipments[3] (million dollars) | New capital expenditures (million dollars) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Allamakee | 29 | 6 | 1.0 | 8.8 | .9 | 1.7 | 6.8 | 26.4 | 87.4 | 112.8 | 1.3 |
| Appanoose | 21 | 7 | .9 | 8.4 | .6 | 1.3 | 6.3 | 28.6 | 24.3 | 54.2 | (D) |
| Benton | 24 | 6 | .6 | 6.9 | .4 | .8 | 4.4 | 12.0 | 28.5 | 41.2 | .5 |
| Black Hawk | 177 | 58 | 20.6 | 342.0 | 15.5 | 29.9 | 245.1 | 929.1 | 952.8 | 1,870.4 | (D) |
| Boone | 31 | 10 | .8 | 9.8 | .6 | 1.2 | 6.4 | 21.7 | 19.8 | 41.2 | 1.7 |
| Carroll | 25 | 8 | 1.0 | 13.3 | .7 | 1.4 | 7.4 | 22.5 | 47.9 | 69.2 | 1.0 |
| Cass | 26 | 11 | .6 | 6.1 | .4 | .7 | 3.6 | 20.2 | 32.6 | 52.3 | 1.4 |
| Cedar | 26 | 6 | .5 | 5.4 | .4 | .7 | 3.5 | 15.3 | 29.7 | 44.9 | 1.3 |
| Cerro Gordo | 63 | 26 | 2.5 | 31.5 | 1.9 | 3.8 | 21.7 | 80.2 | 163.2 | 242.2 | 19.3 |
| Chickasaw | 16 | 5 | 1.1 | 13.0 | .9 | 1.7 | 9.4 | 44.3 | 126.0 | 168.7 | 1.5 |
| Clay | 38 | 13 | 1.9 | 23.4 | 1.4 | 2.9 | 16.4 | 38.0 | 285.1 | 322.8 | 3.4 |
| Clayton | 36 | 10 | .9 | 7.9 | .8 | 1.4 | 5.9 | 17.3 | 41.3 | 59.0 | 1.1 |
| Clinton | 59 | 32 | 7.1 | 97.1 | 5.4 | 10.6 | 68.4 | 352.8 | 439.6 | 798.7 | 23.2 |
| Delaware | 29 | 9 | .8 | 8.3 | .6 | 1.2 | 5.9 | 28.8 | 47.0 | 76.3 | 1.1 |
| Des Moines | 63 | 30 | 7.5 | 103.0 | 5.5 | 10.7 | 69.4 | 319.1 | 233.8 | 552.5 | 15.7 |
| Dickinson | 19 | 5 | 1.3 | 12.3 | 1.1 | 1.4 | 7.9 | 29.9 | 19.0 | 46.8 | .9 |
| Dubuque | 122 | 49 | 15.3 | 273.2 | 11.0 | 22.4 | 198.3 | 577.1 | 909.5 | 1,483.0 | 32.1 |
| Fayette | 42 | 11 | .9 | 10.3 | .7 | 1.4 | 6.6 | 29.2 | 57.5 | 87.5 | 2.4 |
| Franklin | 23 | 7 | .9 | 11.8 | .7 | 1.4 | 8.8 | 19.2 | 29.5 | 47.9 | 3.9 |
| Greene | 15 | 7 | .6 | 6.7 | .4 | .9 | 4.4 | 13.0 | 12.3 | 25.4 | .9 |
| Grundy | 20 | 7 | .6 | 6.5 | .4 | .9 | 4.0 | 12.2 | 22.5 | 34.5 | .6 |
| Hamilton | 42 | 14 | 1.2 | 11.2 | .9 | 1.7 | 7.6 | 25.5 | 54.0 | 78.9 | 2.3 |
| Hardin | 38 | 15 | 1.1 | 10.5 | .9 | 1.7 | 7.4 | 31.8 | 141.4 | 173.1 | 3.3 |
| Henry | 24 | 8 | 1.5 | 14.9 | 1.2 | 2.5 | 11.4 | 63.3 | 46.6 | 108.2 | 2.9 |
| Jackson | 31 | 10 | 1.1 | 10.7 | .9 | 1.7 | 8.1 | 22.6 | 54.6 | 76.4 | 5.9 |
| Jasper | 42 | 15 | 4.9 | 73.2 | 2.9 | 5.2 | 37.6 | 209.6 | 152.0 | 371.3 | 9.8 |
| Jefferson | 27 | 13 | 1.8 | 21.1 | 1.4 | 2.6 | 14.3 | 44.7 | 41.5 | 86.6 | 1.8 |
| Johnson | 63 | 18 | 2.7 | 35.0 | 2.0 | 4.2 | 23.5 | 273.9 | 191.7 | 462.5 | 5.8 |
| Jones | 41 | 11 | .9 | 9.6 | .7 | 1.3 | 6.0 | 28.9 | 38.1 | 67.3 | 1.5 |
| Kossuth | 28 | 6 | 1.1 | 14.8 | .9 | 1.8 | 9.6 | 45.1 | 54.6 | 99.1 | 2.3 |
| Lee | 72 | 31 | 7.6 | 100.0 | 5.8 | 11.6 | 69.8 | 320.5 | 461.6 | 776.4 | 55.5 |
| Linn | 225 | 80 | 28.2 | 404.6 | 16.7 | 32.7 | 220.8 | 933.1 | 1,456.0 | 2,399.4 | 62.7 |
| Mahaska | 29 | 13 | 1.3 | 13.2 | .8 | 1.5 | 7.4 | 27.8 | 46.3 | 73.9 | 1.0 |
| Marion | 28 | 8 | 3.1 | 42.2 | 2.6 | 5.0 | 32.0 | 104.6 | 118.0 | 220.4 | 12.9 |
| Marshall | 56 | 22 | 6.9 | 109.5 | 4.1 | 7.7 | 58.6 | 220.3 | 216.2 | 432.6 | 8.7 |
| Montgomery | 14 | 6 | 1.1 | 12.1 | .8 | 1.7 | 8.9 | 41.7 | 24.9 | 66.8 | 2.2 |
| Muscatine | 86 | 43 | 7.9 | 103.7 | 5.6 | 10.8 | 62.4 | 482.0 | 482.3 | 963.7 | 33.9 |
| Page | 22 | 9 | 1.4 | 16.1 | 1.0 | 2.1 | 11.1 | 63.3 | 47.7 | 110.2 | 1.0 |
| Plymouth | 30 | 9 | .6 | 7.8 | .5 | 1.0 | 5.3 | 17.9 | 112.2 | 128.8 | .7 |
| Polk | 438 | 130 | 25.2 | 381.6 | 15.8 | 30.8 | 218.7 | 877.5 | 1,439.7 | 2,329.2 | 53.9 |
| Pottawattamie | 82 | 23 | 3.6 | 38.9 | 2.9 | 5.6 | 26.5 | 88.9 | 484.3 | 569.4 | 6.5 |
| Poweshiek | 28 | 15 | 1.5 | 16.0 | 1.2 | 2.3 | 11.5 | 42.8 | 49.1 | 90.3 | 2.7 |
| Sac | 24 | 5 | .6 | 6.7 | .5 | .8 | 4.5 | 12.5 | 21.2 | 38.1 | .5 |
| Scott | 186 | 68 | 16.7 | 282.7 | 12.3 | 23.2 | 195.0 | 553.6 | 1,085.6 | 1,583.2 | 91.9 |
| Sioux | 54 | 17 | 1.8 | 19.5 | 1.5 | 3.0 | 13.9 | 54.1 | 165.3 | 218.9 | 2.9 |
| Story | 65 | 18 | 3.3 | 42.2 | 2.3 | 4.6 | 24.7 | 151.7 | 117.4 | 259.3 | 8.4 |
| Wapello | 39 | 17 | 3.7 | 61.9 | 2.6 | 4.8 | 40.8 | 133.7 | 234.8 | 366.8 | 6.8 |
| Washington | 31 | 9 | 1.4 | 15.7 | 1.0 | 2.0 | 9.5 | 32.1 | 74.4 | 109.9 | 3.4 |
| Webster | 64 | 26 | 3.7 | 53.1 | 2.8 | 5.9 | 39.1 | 145.0 | 442.8 | 582.3 | 6.9 |
| Winneshiek | 18 | 7 | .6 | 5.8 | .5 | 1.0 | 4.3 | 14.6 | 23.0 | 37.6 | 1.4 |
| Wright | 30 | 9 | .8 | 8.6 | .5 | .9 | 4.6 | 33.7 | 213.2 | 247.8 | 5.5 |
| All Other Counties | 928 | 247 | 35.2 | 426.8 | 26.1 | 51.2 | 289.6 | 982.1 | 3,207.0 | 4,149.2 | (D) |

[1]Includes administrative offices and auxiliaries. D. Statistics for some industry groups and industries have been withheld to avoid disclosing operations of individual companies and to permit further verification of data for smaller industries.
[2]1978 Annual Survey of Manufactures, Bureau of the Census, U.S. Department of Commerce.
[3]1977 Census of Manufactures, Bureau of the Census, U.S. Department of Commerce.

# wa industrial information by code

## 1977

| Industry group and industry[1] | 1977 | | | | | | | | | | | 1972 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All establishments | | All employees | | Production workers | | | Value added by manufacture (million dollars) | Cost of materials[2] (million dollars) | Value of shipments[2] (million dollars) | New capital expenditures (million dollars) | All employees (1,000) | Value added by manufacture (million dollars) |
| | Total (number) | With 20 employ-more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| All Industries | [3]3,789 | [3]1,245 | [3]239.9 | [3]3,375.4 | 170.0 | 331.3 | 2,189.1 | 8,715.8 | 14,906.8 | 23,509.1 | 689.4 | [3]215.5 | 4,757.7 |
| Food and Kindred Products | 593 | 258 | 46.3 | 679.7 | 33.3 | 65.4 | 468.1 | 1,837.6 | 8,061.7 | 9,922.6 | 160.1 | 49.6 | 1,112.0 |
| Meat Products | 133 | 65 | 24.4 | 380.7 | 19.9 | 37.7 | 303.7 | 677.1 | 4,705.3 | 5,368.7 | 58.9 | 27.5 | 487.3 |
| Meatpacking Plants | 89 | 41 | 20.3 | 334.2 | 16.3 | 30.8 | 268.6 | 536.3 | 4,271.5 | 4,793.3 | 36.7 | 24.0 | 431.7 |
| Sausages and Other Prepared Meats | 26 | 12 | 2.4 | 34.2 | 2.0 | 4.1 | 24.9 | 117.2 | 310.1 | 428.5 | 20.9 | 1.2 | 26.0 |
| Poultry Dressing Plants | 11 | 5 | .6 | 3.8 | .6 | .9 | 3.2 | 5.7 | 37.9 | 43.4 | .2 | .9 | 9.0 |
| Poultry and Egg Processing | 7 | 7 | 1.1 | 8.4 | 1.0 | 1.9 | 7.0 | 17.8 | 85.8 | 103.5 | 1.0 | 1.4 | 20.5 |
| Dairy Products | 107 | 41 | 3.6 | 44.1 | 2.1 | 4.7 | 25.2 | 137.2 | 637.7 | 778.8 | 6.6 | 4.3 | 115.7 |
| Cheese, Natural and Processed | 21 | 10 | .9 | 8.7 | .7 | 1.5 | 6.8 | 20.7 | 183.8 | 205.7 | 1.5 | .6 | 17.9 |
| Condensed and Evaporated Milk | 17 | 9 | .7 | 9.2 | .6 | 1.3 | 7.3 | 55.7 | 146.2 | 202.7 | 1.0 | .9 | 49.8 |
| Fluid Milk | 44 | 16 | 1.6 | 21.6 | .6 | 1.3 | 8.0 | 50.1 | 247.7 | 298.5 | 2.3 | 2.2 | 37.8 |
| Preserved Fruits and Vegetables | 18 | 10 | 2.0 | 18.6 | 1.8 | 3.4 | 14.9 | 88.8 | 93.3 | 182.6 | 4.9 | EE | (D) |
| Grain Mill Products | 174 | 69 | 10.0 | 154.4 | 5.9 | 11.7 | 84.8 | 645.7 | 1,249.2 | 1,894.0 | 56.6 | 9.6 | 324.9 |
| Wet Corn Milling | 6 | 6 | 3.3 | 59.9 | 2.0 | 4.0 | 34.8 | 189.8 | 458.8 | 649.3 | 36.4 | FF | (D) |
| Prepared Feeds, nec. | 151 | 55 | 3.9 | 51.1 | 1.5 | 3.2 | 17.6 | 167.2 | 495.9 | 662.4 | 7.5 | 3.7 | 97.2 |
| Bakery Products | 43 | 16 | 2.3 | 29.2 | 1.3 | 2.5 | 14.9 | 71.2 | 54.7 | 125.9 | 3.4 | 3.1 | 47.2 |
| Fats and Oils | 41 | 19 | 1.4 | 19.0 | 1.0 | 2.1 | 12.5 | 94.7 | 1,182.1 | 1,309.6 | 14.3 | 1.0 | 46.1 |
| Soybean Oil Mills | 18 | 12 | .9 | 13.2 | .6 | 1.4 | 8.5 | 63.7 | 1,059.1 | 1,156.5 | 9.9 | .8 | 38.6 |
| Beverages | 39 | 23 | 1.3 | 18.6 | .5 | 1.6 | 4.9 | 55.3 | 76.1 | 130.9 | 6.9 | 1.8 | 35.2 |
| Bottle and Canned Soft Drinks | 30 | 21 | 1.2 | 17.6 | .5 | 1.5 | 4.4 | 52.1 | 68.4 | 119.8 | (D) | 1.7 | 32.6 |
| Misc. Foods, Kindred Products | 31 | 14 | 1.2 | 14.3 | .7 | 1.5 | 6.5 | 65.9 | 61.5 | 128.7 | 8.5 | .7 | 25.6 |
| Textile Mill Products | 9 | 7 | 1.2 | 9.7 | 1.0 | 1.5 | 6.1 | 24.1 | 13.2 | 35.8 | .8 | [illegible] | 2.8 |
| Apparel, Other Textile Prods. | 78 | 33 | 4.4 | 31.3 | 3.9 | 7.4 | 24.0 | 68.4 | 63.9 | 128.2 | (D) | 3.5 | 34.3 |
| Men's and Boys' Furnishings | 11 | 10 | 1.4 | 8.8 | 1.3 | 2.5 | 7.7 | 18.4 | 21.2 | 36.4 | (D) | 1.3 | 10.6 |
| Misc. Fabricated Textile Prods. | 40 | 9 | .9 | 7.3 | .7 | 1.3 | 4.4 | 15.6 | 23.8 | 39.7 | (D) | .4 | 5.3 |
| Lumber and Wood Products | 174 | 40 | 5.2 | 57.8 | 4.4 | 8.3 | 44.7 | 134.5 | 159.0 | 291.7 | 9.3 | 5.0 | 72.1 |
| Millwork, Plywood, Struc. Membs. | 35 | 13 | 2.6 | 328 | 2.2 | 4.3 | 26.0 | 70.5 | 65.7 | 134.6 | 5.2 | 3.0 | 39.8 |
| Wood Buildings and Mobile Homes | 24 | 16 | 1.5 | 15.0 | 1.2 | 2.2 | 11.0 | 43.4 | 70.0 | 112.9 | 2.2 | .9 | 19.1 |
| Furniture and Fixtures | 66 | 24 | 4.0 | 51.6 | 3.1 | 5.8 | 32.3 | 112.8 | 93.9 | 204.9 | (D) | 3.8 | 65.8 |
| Household Furniture | 30 | 11 | 1.8 | 21.2 | 1.4 | 2.6 | 13.2 | 38.8 | 39.6 | 78.2 | (D) | 1.9 | 27.0 |
| Upholstered Household Furniture | 11 | 6 | 1.2 | 16.7 | .9 | 1.7 | 9.8 | 27.7 | 26.3 | 53.9 | (D) | 1.3 | 18.5 |
| Paper and Allied Products | 56 | 37 | 4.8 | 60.1 | 3.7 | 7.4 | 41.6 | 157.0 | 241.6 | 395.1 | 8.7 | 4.2 | 89.9 |
| Misc. Converted Paper Products | 26 | 18 | 2.2 | 24.9 | 1.7 | 3.3 | 16.8 | 83.0 | 105.5 | 185.7 | 2.9 | 1.7 | 40.1 |
| Paper Coating and Glazing | 8 | 6 | .7 | 9.9 | .5 | 1.1 | 6.2 | 33.4 | 66.2 | 98.0 | 1.6 | .5 | 13.7 |
| Bags, Except Textile Bags | 6 | 5 | 1.1 | 11.0 | .9 | 1.7 | 8.2 | 40.7 | 30.2 | 70.0 | .8 | 1.1 | 23.5 |
| Paperboard Containers and Boxes | 20 | 16 | 2.3 | 29.5 | 1.8 | 3.4 | 20.5 | 62.0 | 117.7 | 179.0 | 3.9 | 2.2 | 40.7 |
| Printing and Publishing | 775 | 136 | 14.6 | 168.4 | 8.1 | 15.0 | 83.9 | 413.7 | 299.6 | 711.2 | 28.0 | 13.6 | 227.6 |
| Newspapers | 306 | 54 | 5.6 | 56.1 | 2.4 | 4.0 | 21.4 | 133.6 | 39.5 | 173.0 | 9.0 | 5.6 | 85.7 |
| Commercial Printing | 319 | 44 | 3.5 | 39.9 | 2.6 | 4.6 | 25.5 | 77.0 | 53.5 | 129.9 | (D) | 2.9 | 41.5 |
| Commercial Printing, Lithographic | 135 | 32 | 2.3 | 27.7 | 1.7 | 2.9 | 17.2 | 50.5 | 33.2 | 83.3 | (D) | EE | (D) |
| Manifold Business Forms | 14 | 11 | .9 | 11.9 | .7 | 1.4 | 7.3 | 29.9 | 25.6 | 55.1 | 1.0 | .6 | 13.6 |
| Chemicals and Allied Products | 139 | 38 | 5.5 | 83.7 | 3.5 | 7.0 | 46.7 | 791.3 | 694.7 | 1,479.9 | 54.5 | 4.9 | 390.1 |
| Drugs | 23 | 4 | 1.0 | 13.4 | .5 | 1.0 | 5.5 | 45.5 | 25.7 | 69.9 | 2.5 | 1.0 | 27.4 |
| Pharmaceutical Preparations | 14 | 4 | .9 | 21.4 | .4 | .8 | 4.9 | 32.8 | 21.9 | 53.5 | (D) | BB | (D) |
| Soaps, Cleaners, Toilet Goods | 26 | 6 | 1.0 | 13.1 | .6 | 1.2 | 7.2 | 227.4 | 131.7 | 358.4 | 4.1 | .9 | 123.4 |
| Paints and Allied Products | 14 | 4 | .6 | 8.7 | .4 | .8 | 5.0 | 26.0 | 57.3 | 82.9 | 2.8 | .6 | 26.6 |
| Agricultural Chemicals | 32 | 13 | 1.3 | 20.5 | .8 | 1.7 | 11.7 | 102.8 | 207.6 | 306.4 | 8.6 | 1.3 | 59.7 |
| Rubber, Misc. Plastics Prod. | 108 | 49 | 11.6 | 160.8 | 9.3 | 18.4 | 119.9 | 428.5 | 395.1 | 813.2 | 28.4 | 10.0 | 251.4 |
| Tires and Inner Tubes | 5 | 5 | 4.2 | 70.6 | 3.4 | 6.5 | 55.2 | 188.1 | 188.3 | 370.9 | (D) | FF | (D) |
| Miscellaneous Plastics Products | 90 | 40 | 5.5 | 66.8 | 4.4 | 8.6 | 46.6 | 193.4 | 167.5 | 356.0 | 14.5 | 4.5 | 84.8 |
| Stone, Clay, Glass Products | 372 | 77 | 6.9 | 93.8 | 5.5 | 11.3 | 69.4 | 261.2 | 280.2 | 538.9 | 33.3 | 6.0 | 131.5 |
| Cement, Hydraulic | 5 | 5 | 1.1 | 19.6 | 1.0 | 2.0 | 16.6 | 57.7 | 47.6 | 105.8 | (D) | 1.1 | 37.7 |
| Structural Clay Products | 9 | 9 | .7 | 6.4 | .5 | 1.0 | 4.3 | 12.4 | 8.2 | 20.3 | 1.1 | .8 | 10.7 |
| Concrete Products, nec. | 87 | 17 | 1.0 | 12.6 | .8 | 1.8 | 9.2 | 26.1 | 20.5 | 44.8 | 1.5 | 1.0 | 15.8 |
| Gypsum Products | 5 | 5 | .8 | 11.8 | .6 | 1.5 | 9.4 | 42.4 | 36.6 | 78.9 | 3.3 | CC | (D) |
| Primary Metal Industries | 78 | 42 | 8.5 | 136.1 | 6.8 | 13.5 | 102.2 | 222.4 | 643.2 | 807.6 | 46.7 | 8.3 | 138.1 |
| Iron and Steel Foundries | 27 | 20 | 3.1 | 40.3 | 2.5 | 4.7 | 31.6 | 68.2 | 68.4 | 134.9 | 15.7 | 2.8 | 46.2 |
| Gray Iron Foundries | 20 | 13 | 1.6 | 20.7 | 1.3 | 2.4 | 15.2 | 36.6 | 41.7 | 77.5 | (D) | 1.7 | 28.7 |
| Nonferrous Foundries | 31 | 9 | 1.3 | 14.5 | 1.0 | 1.9 | 10.3 | 24.4 | 22.4 | 46.5 | 2.1 | 1.3 | 13.3 |
| Aluminum Foundries | 22 | 7 | .8 | 9.3 | .7 | 1.2 | 7.0 | 14.2 | 15.6 | 29.7 | (D) | .7 | 6.5 |
| Fabricated Metal Products | 293 | 118 | 20.7 | 257.3 | 14.8 | 28.0 | 159.9 | 606.3 | 488.2 | 1,067.2 | 34.7 | 18.4 | 301.7 |
| Cutlery, Handtools, and Hardware | 30 | 10 | 1.0 | 12.0 | .8 | 1.7 | 8.7 | 39.0 | 26.4 | 64.8 | 1.6 | 1.1 | 19.7 |
| Hardware, nec. | 11 | 5 | .5 | 5.5 | .4 | .8 | 3.9 | 16.2 | 16.5 | 32.1 | 1.1 | .8 | 13.5 |
| Plumbing, Heating, Except Elec. | 12 | 4 | 1.1 | 12.1 | .9 | 1.8 | 9.2 | 33.5 | 37.0 | 69.0 | (D) | CC | (D) |

ootnotes at end of table.

# Iowa industrial information by code (continued)

| | Industry group and industry[1] | 1977 All establishments: Total (number) | 1977 All establishments: With 20 employ-more (number) | 1977 All employees: Number (1,000) | 1977 All employees: Payroll (million dollars) | 1977 Production workers: Number (1,000) | 1977 Production workers: Hours (millions) | 1977 Production workers: Wages (million dollars) | 1977 Value added by manufac-ture (million dollars) | 1977 Cost of materials[2] (million dollars) | 1977 Value of shipments[2] (million dollars) | 1977 New capital expendi-tures (million dollars) | 1972 All employees (1,000) | 1972 Value added by manufac-ture (million dollars) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3441 | Fabricated Structural Metal | 30 | 16 | 1.4 | 17.0 | 1.0 | 1.9 | 10.3 | 36.0 | 64.3 | 90.2 | 3.2 | 1.9 | 24.1 |
| 3442 | Metal Doors, Sash, and Trim | 14 | 9 | 1.5 | 13.7 | 1.3 | 2.4 | 10.3 | 27.6 | 34.6 | 61.4 | 3.7 | .8 | 9.7 |
| 3443 | Fabricated Platework, Boiler Shop | 23 | 8 | .9 | 12.3 | .7 | 1.3 | 8.2 | 20.3 | 22.2 | 45.0 | 1.4 | 1.2 | 26.0 |
| 3444 | Sheet Metalwork | 25 | 9 | 1.0 | 9.7 | .8 | 1.4 | 6.5 | 29.4 | 32.0 | 61.6 | 1.3 | 1.6 | 27.9 |
| 3448 | Prefabricated Metal Buildings | 9 | 6 | .7 | 8.3 | .5 | .9 | 5.0 | 19.6 | 29.1 | 48.2 | .8 | (NA) | (NA) |
| 34 | Fabricated Metal Products—con. | | | | | | | | | | | | | |
| 345 | Screw Machine Prod., Bolts, etc. | 15 | 8 | .8 | 9.0 | .6 | 1.2 | 5.7 | 19.2 | 17.7 | 36.9 | 2.0 | AA | (D) |
| 346 | Metal Forgings and Stampings | 27 | 11 | 2.6 | 25.[illegible] | 2.0 | 3.5 | 16.6 | 74.1 | 49.3 | 122.0 | 2.4 | 1.0 | 16.7 |
| 3469 | Metal Stampings, nec. | 20 | 9 | 2.4 | 22.9 | 1.9 | 3.1 | 14.8 | 68.2 | 43.2 | 110.0 | 1.9 | .7 | 11.9 |
| 349 | Misc. Fabricated Metal Products | 58 | 24 | 7.0 | 103.0 | 4.2 | 8.4 | 57.2 | 230.9 | 130.5 | 348.2 | 10.8 | 5.3 | 107.9 |
| 3494 | Valves and Pipe Fittings | 10 | 6 | 4.5 | 71.2 | 2.6 | 5.3 | 40.6 | 167.2 | 81.4 | 238.2 | 7.3 | 3.7 | 77.6 |
| 3499 | Fabricated Meal Products, nec. | 34 | 15 | 2.1 | 27.1 | 1.3 | 2.5 | 13.3 | 53.7 | 38.6 | 90.0 | (D) | 1.3 | 23.8 |
| 35 | Machinery, Except Electrical | 564 | 210 | 61.3 | 1,020.9 | 44.6 | 87.2 | 702.1 | 2,536.0 | 2,363.7 | 4,899.2 | 227.6 | 48.0 | 1,204.2 |
| 351 | Engines and Turbines | 9 | 8 | 2.8 | 46.4 | 2.1 | 4.2 | 33.7 | 99.8 | 174.1 | 269.2 | 17.0 | EE | (D) |
| 3519 | Internal Combustion Engines, nec. | 9 | 8 | 2.8 | 46.4 | 2.1 | 4.2 | 33.7 | 99.8 | 174.1 | 269.2 | 17.0 | EE | (D) |
| 352 | Farm and Garden Machinery | 149 | 74 | 25.2 | 424.6 | 19.0 | 36.9 | 302.5 | 1,223.6 | 1,025.4 | 2,247.1 | 101.3 | 23.7 | 643.4 |
| 353 | Construction, Related Machinery | 65 | 38 | 20.0 | 368.1 | 14.3 | 28.7 | 254.0 | 812.8 | 913.4 | 1,739.9 | 89.2 | 13.3 | 336.2 |
| 3531 | Construction Machinery | 36 | 23 | 18.6 | 349.3 | 13.4 | 26.9 | 243.3 | 777.1 | 876.0 | 1,667.1 | 87.6 | 12.1 | 314.2 |
| 3535 | Conveyors and Conveying Equipment | 12 | 7 | .6 | 7.7 | .4 | .8 | 4.9 | 15.1 | 15.0 | 30.3 | .9 | BB | (D) |
| 354 | Metalworking Machinery | 79 | 23 | 2.3 | 33.4 | 1.5 | 3.2 | 20.5 | 56.1 | 28.3 | 84.8 | 2.6 | 2.3 | 40.0 |
| 3541 | Machine Tools, Metal-Cutting | 10 | 4 | .6 | 8.3 | .3 | .6 | 4.1 | 12.2 | 8.6 | 22.3 | .3 | AA | (D) |
| 3544 | Special Dies, Tools, Jigs, etc. | 45 | 9 | .5 | 9.7 | .4 | 1.0 | 7.6 | 15.0 | 4.6 | 19.3 | .9 | .7 | 10.8 |
| 355 | Special Industry Machinery | 39 | 15 | 2.4 | 37.5 | 1.5 | 2.8 | 20.7 | 83.7 | 59.4 | 147.2 | 2.8 | 2.2 | 51.7 |
| 3551 | Food Products Machinery | 12 | 5 | 1.2 | 19.4 | .7 | 1.2 | 9.1 | 40.3 | 17.2 | 59.7 | 1.4 | 1.0 | 26.2 |
| 356 | General Industrial Machinery | 55 | 16 | 3.5 | 49.9 | 2.3 | 4.6 | 29.1 | 142.1 | 61.6 | 193.4 | 8.9 | EE | (D) |
| 3561 | Pumps and Pumping Equipment | 12 | 7 | 2.5 | 37.2 | 1.6 | 3.1 | 20.1 | 117.5 | 45.8 | 153.2 | 8.1 | EE | (D) |
| 358 | Refrigeration and Service Mach. | 29 | 15 | 2.7 | 32.1 | 1.9 | 3.3 | 20.0 | 69.3 | 67.9 | 137.8 | 1.4 | 2.1 | 36.8 |
| 3585 | Refrigeration, Heating Equipment | 7 | 6 | 1.4 | 18.1 | 1.0 | 1.6 | 11.1 | 40.5 | 41.3 | 83.8 | .8 | EE | (D) |
| 36 | Electric, Electronic Equip. | 95 | 44 | 23.6 | 291.7 | 16.1 | 31.4 | 177.7 | 736.6 | 608.2 | 1,344.6 | 33.4 | 20.0 | 405.3 |
| 362 | Electrical Industrial Apparatus | 9 | 4 | .7 | 6.2 | .5 | .9 | 4.7 | 16.5 | 15.0 | 33.3 | (D) | .6 | 9.6 |
| 365 | Radio, TV Receiving Equipment | 12 | 3 | .7 | 6.3 | .6 | .9 | 3.9 | 14.2 | 16.5 | 31.7 | .2 | BB | (D) |
| 367 | Electronic Components, Access. | 31 | 12 | 3.3 | 28.6 | 2.8 | 5.4 | 22.0 | 54.2 | 42.6 | 96.0 | .5 | 3.6 | 49.6 |
| 3677 | Electronic Coils and Transformers | 5 | 5 | 1.8 | 13.9 | 1.7 | 2.9 | 12.2 | 20.3 | 26.1 | 46.2 | .2 | CC | (D) |
| 369 | Misc. Elec. Equipment, Supplies | 10 | 6 | 1.5 | 19.4 | 1.3 | 2.5 | 15.8 | 63.3 | 48.9 | 111.0 | 5.4 | CC | (D) |
| 3713 | Truck and Bus Bodies | 17 | 10 | .9 | 9.7 | .7 | 1.4 | 6.4 | 11.5 | 34.3 | 46.0 | .4 | 4.0 | 93.5 |
| 3714 | Motor Vehicle Parts, Accessories | 33 | 11 | 1.9 | 20.6 | 1.5 | 2.9 | 15.3 | 72.8 | 66.5 | 139.0 | 3.4 | EE | (D) |
| 3715 | Truck Trailers | 10 | 4 | .9 | 10.4 | .7 | 1.4 | 6.5 | 28.3 | 58.6 | 82.2 | (D) | CC | (D) |
| 38 | Instruments, Related Products | 50 | 13 | 2.3 | 28.7 | 1.5 | 2.9 | 16.4 | 48.5 | 32.8 | 81.2 | 4.5 | 2.5 | 49.3 |
| 3811 | Engineering, Scientific Instruments | 9 | 4 | .5 | 7.2 | .3 | .7 | 3.1 | 10.2 | 7.7 | 17.4 | (D) | 1.0 | 16.6 |
| 382 | Measuring, Controlling Devices | 14 | 4 | 1.5 | 18.8 | 1.0 | 1.8 | 11.7 | 33.3 | 20.5 | 54.1 | (D) | EE | (D) |
| 39 | Misc. Manufacturing Industries | 144 | 39 | 5.9 | 61.6 | 4.4 | 8.6 | 39.6 | 156.9 | 94.7 | 253.0 | 6.0 | 6.2 | 107.9 |
| 394 | Toys and Sporting Goods | 36 | 13 | 1.9 | 19.0 | 1.4 | 2.6 | 12.0 | 61.2 | 35.7 | 96.9 | 2.2 | 2.3 | 41.8 |
| 395 | Pens, Office and Art Goods | 8 | 5 | 1.6 | 15.7 | 1.2 | 2.4 | 10.5 | 35.6 | 19.7 | 56.9 | (D) | 1.3 | 20.9 |
| 399 | Miscellaneous Manufactures | 81 | 14 | 2.0 | 23.3 | 1.5 | 2.9 | 14.5 | 53.7 | 36.0 | 89.5 | 2.3 | 2.1 | 37.7 |
| 3993 | Signs and Advertising Displays | 41 | 5 | .7 | 8.4 | .4 | .8 | 4.6 | 23.9 | 19.5 | 43.0 | .4 | CC | (D) |
| | Central Admin. Offices, Auxiliaries | 62 | 27 | 4.8 | 90.8 | — | — | — | — | — | — | — | 2.4 | — |

Note: Payroll and shipments data for small establishments — typically single-units companies with less than 20 employees (cutoff varied by industry) — were obtained from administrative records of other government agencies instead of from census report forms. These data were then used in conjunction with industry averages to estimate the other items in the table for these small establishments. This technique was also used for a few other establishments whose reports were not received at time data were tabulated.

— Represents zero. (D) Withheld to avoid disclosing operations of individual companies. (NA) Not available. NEC Not elsewhere classified.

[1]Statistics for some industry groups and industries have been withheld to avoid disclosing operations of individual companies and to permit further verification of data for smaller industries. Statistics for industry groups shown include data for all component industries, regardless of whether data are shown for individual industries in group. Data for all industries with 150 or more manufacturing employees will be included in final publication if figures do not disclose operations of individual companies. For 1972, the following employee size ranges substitute for actual figures withheld to avoid disclosure: AA, 150 to 249 employees; BB, 250 to 499 employees; CC, 500 to 999 employees; EE, 1,000 to 2,499 employees; FF, 2,500 employees or more.

[2]Aggregate of cost of materials and value of shipments figures for industry groups (2- and 3-digit) and for all manufacturing industries includes extensive duplication, since products of some industries are used as materials by others (see Appendix B).

[3]Including central administrative offices and auxiliaries.

Source: 1977 Census of Manufactures, Bureau of the Census, U.S. Department of Commerce.

# J.S. industrial statistics, 1978

| State | 1978 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | All employees | | Production workers | | | Value added by manu-facture (mil. dol.) | Cost of materials (mil. dol.) | Value of shipments (mil. dol.) | New capital expenditures (mil. dol.) |
| | Number (1,000) | Payroll (mil. dol.) | Number (1,000) | Hours (mil.) | Wages (mil. dol.) | | | | |
| United States | 20,508.9 | 299,142.6 | 14,[illegible]31.0 | 27,681.8 | 176,446.6 | 657,245.8 | 877,609.5 | 1,523,429.9 | 55,243.9 |
| bama | 346.7 | 4,233.8 | 277.0 | 541.4 | 3,018.0 | 9,745.9 | 13,768.1 | 23,351.3 | 1,610.9 |
| ska | 10.7 | 170.8 | 8.9 | 16.2 | 127.7 | 546.8 | 908.8 | 1,464.6 | 65.0 |
| zona | 123.2 | 1,739.4 | 79.6 | 155.6 | 923.8 | 3,959.6 | 4,249.1 | 8,051.9 | 318.2 |
| kansas | 205.5 | 2,186.2 | 166.1 | 322.0 | 1,580.2 | 5,502.0 | 8,565.0 | 13,963.1 | 606.1 |
| lifornia | 1,903.1 | 28,486.4 | 1,240.0 | 2,376.8 | 15,112.2 | 62,510.4 | 74,835.4 | 135,765.2 | 4,493.1 |
| lorado | 163.0 | 2,442.6 | 102.3 | 197.4 | 1,287.4 | 5,237.7 | 6,756.1 | 11,765.5 | 550.7 |
| nnecticut | 432.2 | 6,581.5 | 264.0 | 528.2 | 3,218.4 | 12,290.7 | 10,097.5 | 21,957.9 | 679.0 |
| laware | 66.8 | 1,308.7 | 33.3 | 67.2 | 466.8 | 2,011.6 | 4,441.0 | 6,427.3 | 186.1 |
| trict of Columbia | 17.7 | 201.3 | 7.8 | 14.2 | 109.8 | 668.2 | 385.7 | 1,047.3 | 17.5 |
| rida | 396.5 | 4,877.6 | 276.8 | 533.5 | 2,755.8 | 11,266.2 | 13,887.0 | 24,991.4 | 1,081.1 |
| orgia | 511.6 | 5,819.3 | 392.9 | 770.4 | 3,830.8 | 13,944.6 | 22,121.7 | 35,812.2 | 1,459.7 |
| waii | 23.7 | 285.2 | 17.4 | 30.9 | 173.0 | 782.9 | 1,284.8 | 2,063.1 | 46.0 |
| ho | 56.9 | 729.4 | 43.4 | 82.7 | 499.4 | 1,843.5 | 2,671.9 | 4,485.6 | 194.7 |
| nois | 1,310.7 | 20,613.4 | 870.0 | 1,705.1 | 11,899.8 | 44,854.4 | 59,757.0 | 103,858.1 | 2,975.8 |
| iana | 735.2 | 11,754.9 | 541.7 | 1,058.6 | 7,922.9 | 25,699.9 | 33,854.6 | 58,934.7 | 2,166.8 |
| a | 246.6 | 3,725.4 | 175.6 | 338.5 | 2,430.5 | 9,846.1 | 16,840.0 | 26,547.5 | 840.3 |
| nsas | 185.6 | 2,528.1 | 132.3 | 267.4 | 1,635.2 | 6,153.9 | 12,725.4 | 18,671.5 | 413.7 |
| ntucky | 288.9 | 3,890.0 | 215.6 | 409.6 | 2,590.1 | 10,845.1 | 14,987.5 | 25,716.5 | 799.8 |
| isiana | 200.7 | 3,008.8 | 149.0 | 299.1 | 1,997.7 | 10,056.5 | 21,816.4 | 31,852.7 | 2,103.8 |
| ine | 107.2 | 1,226.8 | 88.3 | 170.5 | 876.8 | 2,691.1 | 3,227.6 | 5,866.7 | 424.3 |
| ryland | 252.6 | 3,786.5 | 169.7 | 327.0 | 2,218.8 | 7,739.2 | 10,187.2 | 17,780.3 | 508.6 |
| ssachusetts | 640.4 | 8,797.6 | 426.1 | 325.0 | 4,734.2 | 18,632.0 | 16,079.2 | 34,450.4 | 1,170.3 |
| chigan | 1,180.7 | 22,892.8 | 822.7 | 1,671.5 | 14,240.9 | 41,804.6 | 63,539.6 | 104,920.7 | 4,742.7 |
| nnesota | 365.5 | 5,385.2 | 228.2 | 438.2 | 2,785.0 | 10,908.1 | 15,230.7 | 25,838.6 | 788.2 |
| sissippi | 221.7 | 2,276.8 | 178.7 | 344.2 | 1,628.6 | 5,986.6 | 7,910.8 | 13,863.9 | 512.6 |

# U.S. industrial statistics, 1978 (continued)

| State | 1978 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | All employees | | Production workers | | | Value added by manufacture (mil. dol.) | Cost of materials (mil. dol.) | Value of shipments (mil. dol.) | New capital expenditures (mil. dol.) |
| | Number (1,000) | Payroll (mil. dol.) | Number (1,000) | Hours (mil.) | Wages (mil. dol.) | | | | |
| Missouri | 453.4 | 6,549.1 | 308.2 | 590.4 | 3,787.0 | 15,031.3 | 22,648.5 | 37,489.7 | 965.5 |
| Montana | 25.3 | 361.0 | 19.4 | 37.4 | 266.3 | 850.6 | 2,169.9 | 3,070.5 | 130.6 |
| Nebraska | 92.5 | 1,231.6 | 66.9 | 132.9 | 786.5 | 3,249.7 | 7,390.6 | 10,572.1 | 219.5 |
| Nevada | 17.6 | 233.1 | 12.5 | 23.7 | 141.1 | 660.1 | 548.8 | 1,216.2 | 68.2 |
| New Hampshire | 103.9 | 1,220.2 | 78.4 | 149.5 | 773.3 | 2,764.2 | 2,376.2 | 5,055.4 | 196.2 |
| New Jersey | 798.1 | 12,025.2 | 493.4 | 956.0 | 5,922.5 | 24,725.4 | 30,341.1 | 54,748.0 | 1,639.7 |
| New Mexico | 28.1 | 326.8 | 20.1 | 37.1 | 197.7 | 794.9 | 1,364.6 | 2,126.0 | 56.6 |
| New York | 1,537.5 | 22,886.1 | 964.8 | 1,845.3 | 11,261.3 | 48,309.8 | 46,578.6 | 94,296.5 | 2,917.9 |
| North Carolina | 789.1 | 8,430.4 | 626.1 | 1,213.8 | 5,655.1 | 20,616.6 | 25,010.3 | 45,259.2 | 1,513.2 |
| North Dakota | 14.1 | 181.3 | 9.7 | 19.6 | 110.7 | 485.1 | 900.5 | 1,376.0 | 58.6 |
| Ohio | 1,362.4 | 22,703.2 | 937.9 | 1,868.3 | 14,252.6 | 47,641.4 | 59,656.5 | 106,487.8 | 3,292.6 |
| Oklahoma | 172.5 | 2,381.1 | 115.9 | 224.6 | 1,353.1 | 5,237.3 | 8,894.7 | 14,011.8 | 445.0 |
| Oregon | 222.4 | 3,323.6 | 165.6 | 311.3 | 2,221.6 | 7,166.6 | 9,722.6 | 16,753.0 | 659.1 |
| Pennsylvania | 1,350.8 | 20,017.8 | 944.1 | 1,801.4 | 12,070.2 | 40,550.5 | 49,196.8 | 88,524.8 | 2,557.2 |
| Rhode Island | 129.5 | 1,479.2 | 98.4 | 184.7 | 904.2 | 2,998.0 | 3,038.4 | 5,987.9 | 217.3 |
| South Carolina | 387.1 | 4,251.6 | 308.1 | 607.0 | 2,942.9 | 9,476.8 | 11,791.9 | 21,124.6 | 978.7 |
| South Dakota | 23.9 | 301.3 | 17.7 | 35.1 | 203.5 | 726.1 | 1,465.2 | 2,154.2 | 40.1 |
| Tennessee | 509.9 | 5,863.3 | 389.0 | 743.2 | 3,884.8 | 14,045.8 | 17,981.1 | 31,750.2 | 1,156.2 |
| Texas | 960.4 | 13,719.4 | 647.2 | 1,287.1 | 7,736.2 | 36,496.4 | 68,385.1 | 104,646.8 | 4,601.7 |
| Utah | 79.8 | 1,037.5 | 56.2 | 105.8 | 633.8 | 2,380.2 | 3,572.0 | 5,935.9 | 248.2 |
| Vermont | 45.0 | 615.8 | 31.5 | 63.1 | 354.2 | 1,382.7 | 1,252.8 | 2,562.5 | 133.4 |
| Virginia | 406.2 | 4,929.0 | 309.2 | 597.9 | 3,231.8 | 11,961.1 | 15,310.6 | 27,069.5 | 1,040.1 |
| Washington | 286.0 | 4,873.2 | 195.8 | 365.9 | 2,847.2 | 10,424.6 | 15,924.8 | 25,604.1 | 943.3 |
| West Virginia | 123.9 | 1,910.0 | 91.9 | 176.4 | 1,275.4 | 4,426.8 | 5,449.2 | 9,743.7 | 512.0 |
| Wisconsin | 561.8 | 8,457.9 | 399.2 | 780.0 | 5,392.4 | 18,813.9 | 25,252.3 | 43,712.1 | 1,408.1 |
| Wyoming | 8.6 | 123.8 | 6.1 | 11.7 | 80.8 | 425.6 | 984.1 | 1,402.6 | 53.5 |

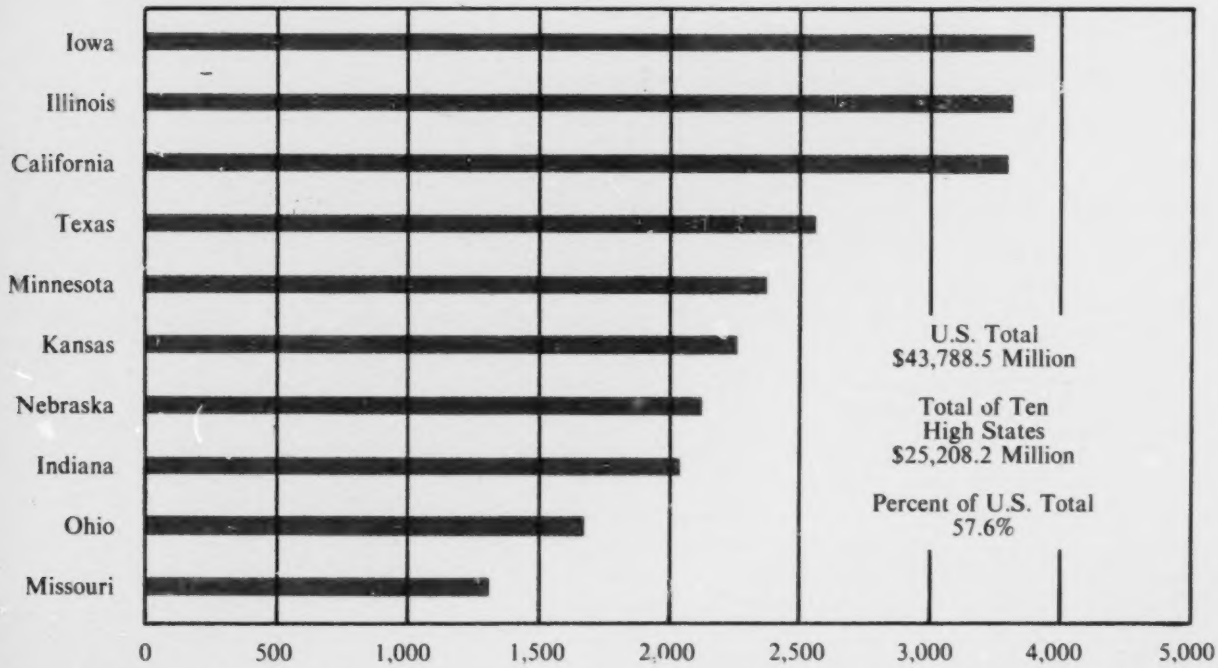
Source: 1978 Annual Survey of Manufacturers, U.S. Department of Commerce, Bureau of the Census.

# Iowa exported an estimated $6.71 billion in products last year

Iowa led the nation in 1981 in the value of agricultural exports. Approximately $3.74 million of agricultural goods were exported from Iowa. In addition, more than 800 Iowa manufacturers also export, contributing to an approximate value of exports at $2,303 per capita.

Leading export items include feed grains, soybeans, machinery, chemicals and electrical equipment. Iowa makes a concentrated effort to encourage exports through Iowa Development Commission sponsored foreign trade missions, conferences and workshops. The IDC also provides information and aid to help new exporters with trade regulations, shipping problems and working arrangements with overseas firms.

# Iowa number one agricultural exporting state, 1981* (millions)




*Year ending September 30.
Source: March/April, 1982; FATUS, U.S.D.A.

# value of agricultural exports, Iowa (millions)

(Fiscal Year October-September)

| | 1970 | 1975 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|
| All Commodities | $515.1 | $1,723.5 | $2,789.9 | $3,270.3 | $3,737.2 |
| Wheat and Flour | .8 | 5.4 | 4.0 | 8.0 | 12.0 |
| Feed Grains[1] | 145.5 | 787.1 | 1,156.3 | 1,627.3 | 1,952.1 |
| Soybeans | 170.7 | 489.8 | 1,173.9 | 1,180.2 | 1,428.3 |
| Soybean Oil | 22.1 | 64.0 | * | * | * |
| Protein Meal | 50.6 | 110.3 | * | * | * |
| Fruits and Preparations | — | .1 | .1 | .3 | .2 |
| Vegetables and Preparations | .1 | .5 | 1.0 | 1.0 | 1.2 |
| Dairy Products | 8.7 | 12.0 | 8.0 | 11.9 | 7.2 |
| Meats and Products[2] | 24.5 | 60.3 | 110.7 | 95.3 | 129.9 |
| Hides and Skins | 12.6 | 24.4 | 83.6 | 62.3 | 61.7 |
| Poultry Products | 2.1 | 2.4 | 5.4 | 6.2 | 7.0 |
| Lard and Tallow | 24.8 | 38.4 | 57.5 | 54.2 | 65.1 |
| Other | 52.6 | 128.8 | 189.4 | 223.6 | 72.5 |

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes barley, corn, oats and sorghum grain.
[2]Does not include poultry.
Source: March/April, 1982; FATUS, U.S.D.A.

# value of agricultural exports, U.S. (millions)

(Fiscal Year October-September)

| | 1970 | 1975 | 1977 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|
| All Commodities | $6,721.4 | $21,854.3 | $24,013.4 | $31,975.4 | $40,480.5 | $43,788.5 |
| Wheat and Flour | 941.6 | 5,236.8 | 3,003.1 | 4,862.0 | 6,632.7 | 8,051.7 |
| Feed Grains[1] | 987.3 | 4,858.3 | 5,345.3 | 7,026.1 | 9,628.1 | 11,149.8 |
| Soybeans | 1,069.0 | 2,988.7 | 4,306.6 | 7,515.0 | 8,587.8 | 8,038.9 |
| Soybean Oil | 138.7 | 387.3 | 413.1 | * | * | * |
| Protein Meal | 322.6 | 685.5 | 955.3 | * | * | * |
| Fruits and Preparations | 343.2 | 674.6 | 803.9 | 1,042.4 | 1,299.7 | 1,513.2 |
| Vegetables and Preparations | 196.8 | 533.9 | 697.2 | 756.2 | 954.2 | 1,445.7 |
| Dairy Products | 109.1 | 143.0 | 171.3 | 116.1 | 156.3 | 246.1 |
| Meats and Products[2] | 152.8 | 381.9 | 608.5 | 844.1 | 870.7 | 1,179.8 |
| Hides and Skins | 158.4 | 393.3 | 779.5 | 1,302.7 | 1,115.3 | 1,002.0 |
| Poultry Products | 76.0 | 112.0 | 271.4 | 368.1 | 546.5 | 765.2 |
| Lard and Tallow | 208.1 | 400.6 | 578.2 | 704.8 | 784.4 | 756.2 |
| Other | 650.2 | 1,632.9 | 2,185.7 | 2,170.0 | 2,767.5 | 9,639.4 |

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes barley, corn, oats and sorghum grain.
[2]Does not include poultry.
Source: March/April, 1982; FATUS, U.S.D.A.

# 12 mid-American states account for 52% of total U.S. agricultural exports, 1981

**U.S. $43,788.5**
**(figures in millions)**

| | 1981* |
|---|---|
| Illinois | 3,622.0 |
| Indiana | 2,011.8 |
| IOWA | 3,737.2 |
| Kansas | 2,262.8 |
| Michigan | 943.6 |
| Minnesota | 2,344.1 |
| Missouri | 1,318.6 |
| Nebraska | 2,113.6 |
| North Dakota | 1,143.7 |
| Ohio | 1,633.0 |
| South Dakota | 708.2 |
| Wisconsin | 778.3 |

*Year ending September 30
Source: March/April, 1982; FATUS, U.S.D.A.

# leading states for agricultural export shares, 1981[1] (millions)

| Selected Commodities | United States | 5 Leading States | | | | |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| All Commodities | $43,788.5 | IOWA 3,737.2 | Ill. 3,622.0 | Calif. 3,588.4 | Texas 2,576.7 | Minn. 2,344.1 |
| Soybeans and Products[2] | 8,038.9 | IOWA 1,428.3 | Ill. 1,390.1 | Ind. 707.3 | Minn. 672.6 | Mo. 607.8 |
| Feed Grains and Products | 11,149.8 | IOWA 1,952.1 | Ill. 1,772.2 | Neb. 1,204.5 | Ind. 966.2 | Minn. 833.6 |
| Wheat and Products | 8,051.7 | Kans. 1.448.4 | Okla. 672.4 | N.D. 552.6 | Wash. 550.9 | Tex. 448.3 |
| Hides and Skins | 1,002.0 | Wisc. 112.6 | Texas 90.9 | Minn. 65.3 | IOWA 61.7 | Utah 49.5 |
| Meats and Products[3] | 1,179.8 | IOWA 129.9 | Texas 107.5 | Neb. 67.5 | Ill. 60.7 | Kansas 59.1 |
| Lard and Tallow | 756.2 | Texas 92.6 | IOWA 65.1 | Neb. 54.0 | Kansas 51.2 | Okla. 40.7 |
| Dairy Products | 246.1 | Wis. 47.3 | Minn. 42.3 | Calif. 27.8 | N.Y. 19.8 | Pa. 9.4 |

[1]Fiscal year ending September 30.
[2]Includes soybeans, soybean oil, and protein meal.
[3]Excludes poultry.
Source: March/April, 1982; FATUS, U.S.D.A.

# Iowa's top 15 export customers, 1981

| | Soybeans & Products | Feed Grains & Products* | Hides & Skins | Meat Products | Lard & Tallow | Poultry Products | Dairy Products | Totals |
|---|---|---|---|---|---|---|---|---|
| 1. Japan | $206,292,300 | $391,181,700 | $62,987,900 | $46,223,000 | $3,641,600 | $7,446,400 | $ 366,400 | $718,139,300 |
| 2. Netherlands | 312,613,300 | 43,555,800 | 223,600 | 4,551,400 | 6,059,500 | 45,400 | 18,700 | 367,067,700 |
| 3. Mexico | 43,981,000 | 138,229,900 | 5,199,600 | 4,256,800 | 5,190,400 | 231,600 | 2,022, 300 | 199,111,600 |
| 4. Spain | 94,405,400 | 85,004,300 | 1,243,300 | 93,900 | 1,842,500 | 10,800 | 10,900 | 182,611,100 |
| 5. West Germany | 132,942,800 | 32,851,900 | 4,680,300 | 867,000 | 2,113,700 | 141,900 | 22,200 | 173,619,800 |
| 6. U.S.S.R. | 1,497,500 | 136,783,100 | 4,800 | — | 4,172,400 | — | 100 | 142,457,900 |
| 7. Italy | 81,139,000 | 46,295,600 | 2,687,900 | 361,300 | 208,200 | 2,700 | 9,300 | 130,704,000 |
| 8. Taiwan | 55,815,600 | 60,478,400 | 2,724,000 | 417,600 | 942,600 | 3,700 | 101,800 | 120,583,700 |
| 9. Belgium | 52,534,000 | 46,811,500 | 153,900 | 4,062,600 | 673,200 | 11,000 | 518,800 | 104,585,000 |
| 10. Portugal | 25,215,600 | 69,943,000 | 48,500 | 4,200 | 109,000 | 800 | 6,400 | 95,327,500 |
| 11. South Korea | 23,756,500 | 59,505,800 | 7,679,800 | 496,100 | 3,221,700 | 2,100 | 21,000 | 94,683,100 |
| 12. Poland | 18,439,700 | 58,687,000 | 419,400 | 1,800 | 1,634,800 | 300 | 1,995, 900 | 81,176,900 |
| 13. United Kingdom | 28,051,900 | 31,067,900 | 3,323,900 | 4,119,700 | 2,835,200 | 104,100 | 35,400 | 69,538,100 |
| 14. Canada | 27,883,800 | 10,748,500 | 7,291,600 | 8,920,900 | 789,700 | 214,900 | 335,800 | 56,185,200 |
| 15. Venezuela | 21,823,500 | 28,701,600 | 8,000 | 2,239,800 | 680,600 | 315,000 | 62,100 | 53,830,600 |

—Indicates no significant purchases.
*Includes barley, corn, oats, and sorghum grain.
Figures were derived from the contribution of state/region in the national export total. They do not show actual exports, but instead reflect the common stake of state/region in the national export total.
Source: May/June, 1982; FATUS, U.S.D.A.
Compiled by Marketing Division, Iowa Department of Agriculture.

# estimated exports of manufactured shipments, Iowa (millions)

| SIC Code | Product Category | 1960 | 1966 | 1971 | 1972 | 1976 | 1980 |
|---|---|---|---|---|---|---|---|
| | Total Exports | $211.4 | $336.9 | $476.0 | $589.6 | $1,499.8 | $2,844.8 |
| 20 | Food & Kindred Products | 51.4 | 59.6 | 109.1 | 130.5 | 262.1 | 369.6 |
| 21 | Tobacco Manufactures | — | — | — | — | — | — |
| 22 | Textile Mill Products | — | — | — | — | — | .9 |
| 23 | Apparel & Other Textile Mill Products | 0.7 | T | — | — | — | 2.2 |
| 24 | Lumber & Wood Products | 1.0 | T | — | — | 12.1 | 16.6 |
| 25 | Furniture & Fixtures | 0.2 | S | — | — | 0.9 | .8 |
| 26 | Paper & Allied Products | — | S | T | — | 7.2 | 13.2 |
| 27 | Printing & Publishing | 1.3 | T | T | — | 6.8 | 4.3 |
| 28 | Chemicals & Allied Products | 3.8 | 9.3 | 27.0 | 39.4 | 83.9 | 410.0 |
| 29 | Petroleum & Coal Products | — | 0.9 | — | — | — | — |
| 30 | Rubber & Plastics | 3.8 | 6.3 | 13.3 | 14.4 | 51.9 | 75.2 |
| 31 | Leather & Leather Products | S | — | — | — | — | — |
| 32 | Stone, Clay & Glass | — | 0.1 | T | — | 3.1 | 4.8 |
| 33 | Primary Metal Industries | 2.3 | U | U | — | 24.2 | 187.2 |
| 34 | Fabricated Metal Products | 5.7 | 9.9 | 13.4 | 14.7 | 46.2 | 94.1 |
| 35 | Machinery, except electrical | 92.3 | 165.6 | 198.9 | 269.6 | 745.5 | 1,364.0 |
| 36 | Electrical Equipment & Supplies | 30.3 | 51.6 | 62.4 | 87.9 | 194.1 | 186.4 |
| 37 | Transportation Equipment | S | 3.2 | 14.4 | 15.9 | 20.3 | — |
| 38 | Instruments & Related Products | — | T | U | — | 7.6 | 10.7 |
| 39 | Misc. Mfg. | 12.2 | 14.7 | — | — | 28.6 | 59.6 |

(S) Less than $1.0 million
(T) $1.0 but less than $5.0 million
(U) $5.0 but less than $10.0 million
(V) $10.0 but less than $25.0 million

Source: Origin of Exports of Manufactured Products, 1980 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

# comparative value of estimated manufactured exports, midwest states

| Selected Midwest States | 1976 Percent of U.S. Totals: Value of Exports | 1976 Percent of U.S. Totals: Export Employment | 1976 Direct Estimated value of exports (millions) | 1980 Direct Estimated export employment (thousands) | 1980 Percent of U.S. Totals: Value of exports | 1980 Percent of U.S. Totals: Export Employment | Rank based on— Value of exports | Rank based on— Export employment |
|---|---|---|---|---|---|---|---|---|
| United States | 100 | 100 | 155,103.3 | 1,504.9 | 100 | 100 | N/A | N/A |
| IOWA | 1.81 | 1.69 | 2,844.8 | 21.5 | 1.83 | 1.40 | 19 | 23 |
| Illinois | 8.01 | 7.41 | 10,244.5 | 88.6 | 6.60 | 5.90 | 4 | 4 |
| Indiana | 3.40 | 3.41 | 4,652.6 | 43.6 | 3.00 | 2.90 | 10 | 12 |
| Kansas | .76 | .87 | 1,451.5 | 13.4 | .94 | .89 | 23 | 31 |
| Michigan | 8.29 | 6.30 | 8,816.9 | 75.6 | 5.68 | 5.00 | 6 | 7 |
| Minnesota | 1.89 | 1.98 | 2,583.4 | 26.9 | 1.67 | 1.80 | 20 | 19 |
| Missouri | 1.95 | 1.93 | 2,528.7 | 23.4 | 1.63 | 1.50 | 21 | 21 |
| Nebraska | .37 | .32 | 767.5 | 4.6 | .49 | .31 | 34 | 38 |
| Ohio | 6.97 | 7.40 | 10,406.4 | 104.7 | 6.71 | 6.90 | 3 | 2 |
| South Dakota | .08 | .08 | 169.2 | 1.3 | .11 | .08 | 43 | 44 |
| Wisconsin | 2.65 | 2.73 | 3,849.8 | 42.8 | 2.48 | 2.84 | 14 | 14 |

N/A = Not applicable

Source: Origin of Exports of Manufactured Products, 1980 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

# estimated value of manufactured exports, Iowa smsa's (millions)

| ode State by major industry group | value of manufacturers' shipments: Total[1] (million dollars) | Direct exports[2] (million dollars) | Supporting exports[3] (million dollars) | Total exported related[4] (million dollars) | Total export related as percent of total shipments | manufacturing employment: Total[1] (1,000) | Direct export related[6] (1,000) | Supporting exports[7] | Total export related[8] (1,000) | Total export related as percent of total employment |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J |
| Iowa | 30,651.6 | 2,844.8 | 1,124.6 | 3,985.3 | 13.0 | 244.9 | 21.5 | 10.8 | 32.3 | 13.1 |
| 0 Food and kindred products | 12,687.8 | 369.6 | 228.3 | 597.9 | 4.7 | 47.8 | .9 | .9 | 1.8 | 3.7 |
| 2 Textile mill products | 26.2 | .9 | 1.3 | 2.2 | 8.3 | .5 | (Z) | (Z) | (Z) | (Z) |
| 3 Apparel and other textiles | 150.7 | 2.2 | 20.3 | 22.5 | 14.9 | 4.5 | (Z) | .4 | .4 | 8.8 |
| 4 Lumber and wood products | 264.0 | 16.6 | 17.0 | 33.6 | 12.7 | 4.9 | .2 | .3 | .5 | 10.2 |
| 5 Furniture and fixtures | 243.1 | .8 | 2.1 | 2.9 | 1.1 | 4.1 | (Z) | (Z) | (Z) | (Z) |
| 6 Paper and allied products | 509.3 | 13.2 | 40.5 | 53.7 | 10.5 | 5.1 | (Z) | .4 | .4 | 7.8 |
| 7 Printing and publishing | 914.8 | 4.3 | 11.8 | 16.1 | 1.7 | 17.4 | (Z) | .2 | .2 | 1.1 |
| 8 Chemicals and allied products | 2,236.0 | 410.0 | 171.1 | 581.1 | 25.9 | 6.4 | .7 | .4 | 1.1 | 17.1 |
| 0 Rubber, miscellaneous plastic products | 854.9 | 75.2 | 62.4 | 137.6 | 16.0 | 10.2 | .8 | .7 | 1.5 | 14.7 |
| 2 Stone, clay, glass products | 655.7 | 4.8 | 24.2 | 29.0 | 4.4 | 6.7 | (Z) | .2 | .2 | 2.9 |
| 3 Primary metal industries | 1,200.6 | 187.2 | 150.6 | 337.8 | 28.1 | 9.1 | .8 | 1.3 | 2.1 | 23.0 |
| 4 Fabricated metal products | 1,299.0 | 94.1 | 84.2 | 178.3 | 13.7 | 19.1 | 1.3 | 1.2 | 2.5 | 13.0 |
| 5 Machinery except electrical | 6,749.7 | 1,364.0 | 188.1 | 1,522.1 | 22.9 | 65.4 | 11.5 | 2.0 | 13.5 | 20.6 |
| 6 Electric, electronic equipment | 1,896.5 | 186.4 | 60.7 | 247.1 | 13.0 | 25.7 | 2.9 | .9 | 3.8 | 14.7 |
| 8 Instruments, related products | 89.9 | 10.7 | 3.1 | 13.8 | 15.3 | 1.7 | .1 | .1 | .2 | 11.7 |
| 9 Miscellaneous manufacturing industries | 352.6 | 59.6 | 58.9 | 118.5 | 33.6 | 5.4 | 1.3 | .9 | 2.2 | 40.7 |
| - Administration, auxiliary | (X) | (X) | (X) | (X) | (X) | 3.1 | (X) | .4 | .4 | 12.9 |

X) Not applicable.
Z) Less than one-half of the unit of measurement shown.
ncludes total domestic and export shipments for all manufacturing establishments.
ncludes only the value of manufactured products exported by the producing plants.
ncludes shipments of components, parts, supplies, etc., used by plants producing the export product.
Total export related shipments are the sum of columns B and C.
ncludes employees of central administrative offices and auxiliaries (warehouses, garages, repair shops, etc.) serving operating manufacturing establishments.
Employment is limited to paid employees in manufacturing plants producing the export product.
Manufacturing employment at establishments producing components, parts, supplies, etc. for use by plants producing for export.
The employment totals shown are the sum of columns G and H.
Source: Origin of Exports of Manufactured Products, 1980 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

| | 1971 | 1972 | 1976 Estimated Value of Exports (millions) | 1976 Estimated Export Employment (thousands) |
|---|---|---|---|---|
| Cedar Rapids | 108.1 | 111.7 | 254.0 | 5.0 |
| Davenport-Rock Island-Moline | 94.6 | 120.9 | 421.3 | 4.7 |
| Food & Kindred Products | (T) | (T) | 20.7 | 0.2 |
| Primary Metal Industries | (W) | (U) | 23.9 | 0.2 |
| Fabricated Metal Products | (T) | (T) | 3.2 | 0.1 |
| Machinery Except Electrical | 75.3 | 102.1 | 360.1 | 3.8 |
| Des Moines | 39.5 | 46.5 | 54.6 | 0.6 |
| Dubuque | 42.7 | (X) | 137.0 | 1.7 |
| Omaha-Council Bluffs | 45.5 | 51.8 | 56.1 | 0.5 |
| Sioux City | 31.8 | 35.3 | 80.6 | 0.5 |
| Waterloo-Cedar Falls | 51.8 | 66.1 | 217.9 | 2.6 |

(T) 1 but less than 5 million, (U) 5 but less than 10 million, (W) 25 but less than 50 million, (X)50 but less than 100 million.
Source: Survey of The Origin of Exports by Manufacturing Establishments, U.S. Department of Commerce, Bureau of The Census.

# Iowa exports contribute to U.S. balance of payments (millions of dollars)

Agricultural Exports

| | 1981 Iowa | 1981 U.S. | % of U.S. Share |
|---|---|---|---|
| Wheat and Products | 12.0 | 8.051.7 | .15 |
| Feed Grains[1] | 1,952.1 | 11,149.8 | 17.51 |
| Soybeans and Products[2] | 1,428.3 | 8,038.9 | 17.77 |
| Fruits and Preparations | .2 | 1,513.2 | .01 |
| Vegetables and Preparations | 1.2 | 1,445.7 | .08 |
| Dairy Products | 7.2 | 246.1 | 2.93 |
| Meats and Products | 129.9 | 1,179.8 | 11.01 |
| Hides and Skins | 61.7 | 1,002.0 | 6.16 |
| Poultry Products | 7.0 | 765.2 | .91 |
| Lard and Tallow | 65.1 | 756.2 | 8.61 |
| Other | 72.5 | 9,639.4 | .75 |
| Total | 3,737.2 | 43,788.5 | 8.53 |

[1]Includes barley, corn, oats and sorghum grain.
[2]Includes soybean oil and protein meal.
Source: FATUS, March/April, 1982.

Manufactured Exports

| Sic Code | Product Category | 1980 Iowa | 1980 U.S. | % of U.S. Share |
|---|---|---|---|---|
| 20 | Food and Kindred Products | 369.6 | 11,199.6 | 3.30 |
| 21 | Tobacco Manufacturers | N/A | 1,841.8 | — |
| 22 | Textile Mill Products | .9 | 2,561.9 | .04 |
| 23 | Apparel and Other Textile Mill Products | 2.2 | 1,421.2 | .15 |
| 24 | Lumber and Wood Products | 16.6 | 3,199.9 | .52 |
| 25 | Furniture and Fixtures | .8 | 394.4 | .20 |
| 26 | Paper and Allied Products | 13.2 | 4,036.7 | .33 |
| 27 | Printing and Publishing | 4.3 | 1,065.4 | .40 |
| 28 | Chemicals and Allied Products | 410.0 | 18,840.5 | 2.18 |
| 29 | Petroleum and Coal Products | N/A | 2,387.8 | — |
| 30 | Rubber and Plastics | 75.2 | 2,437.2 | 3.09 |
| 31 | Leather and Leather Products | N/A | 512.5 | — |
| 32 | Stone, Clay and Glass | 4.8 | 1,654.1 | .29 |
| 33 | Primary Metal Industries | 187.2 | 10,998.5 | 1.70 |
| 34 | Fabricated Metal Products | 94.1 | 6,229.5 | 1.51 |
| 35 | Machinery, except Electrical | 1,364.0 | 34,081.0 | 4.00 |
| 36 | Electrical Equipment and Supplies | 186.4 | 7,172.8 | 2.59 |
| 37 | Transportation Equipment | N/A | 6,652.4 | — |
| 38 | Instruments and Related Products | 10.7 | 937.7 | 1.14 |
| 39 | Misc. Mfg. | 59.6 | 4,478.5 | 1.33 |
| | Total Exports | 2,844.8 | 155,103.3 | 1.83 |

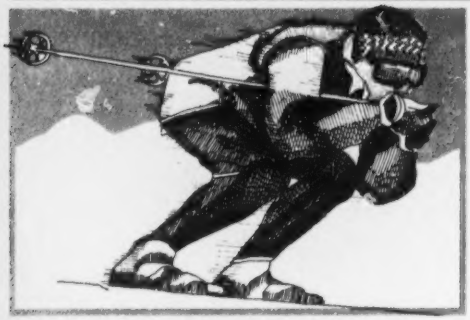
N/A: Not Available
Source: Origin of Exports of Manufactured Products, 1980 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

# Iowa travel is a billion dollar industry

Travel, vacations, conventions and outdoor life add up to an annual billion dollar industry in Iowa's quickly growing tourism and travel industry. A 1982 study completed at travel information centers showed that the average travel party of 2.7 persons spent $62.17 each day they were in the state.

Iowa, which was named "The Beautiful Land" by Native Americans, has something for everyone. The state is dotted with historical sites, cultural facilities and terrain that can accommodate everything from downhill skiing to bicycling. The state's numerous hotels range from quaint to luxurious. There are an abundance of game and campgrounds, along with some of the finest golf courses in America.

Iowa has 19,000 miles of interior fishing streams, two major natural "great lake" areas and four of the nation's largest man-made lakes. The bordering Mississippi and Missouri Rivers offer water sports, scenery and the excitement of passenger or commercial water travel.



# facts show something for everyone in Iowa, 1981

| | |
|---|---|
| 312,987 | Resident Fishing Licenses |
| 158,551 | Resident Hunting Licenses |
| 107,502 | Resident Combination Licenses |
| 31,379 | Non-Resident Hunting Licenses |
| 11,898 | Non-Resident Fishing Licenses |
| 69,551 | Gun Deer Licenses |
| 15,986 | Bow & Arrow Deer Licenses |
| 15,340 | Landowner-Tenant Deer Licenses |
| 45,751 | Iowa Duck Stamps |
| 27,264 | Trout Stamps |
| 24,106 | Resident Trapping |
| 8,547 | Turkey Licenses |
| 204 | Non-Resident Raccoon Stamp |

| | |
|---|---|
| 320,000 | Acres of Public Hunting Areas |
| 44,000 | Acres of Public Waterfowl Refuges |
| 1,000,000 | Visitors to Public Hunting Areas |
| 59% | of Visitors to Public Hunting Areas Were Not Hunters |
| 203,500 | Surface Acres of River Boundary Waters |
| 80,000 | Farm Ponds in Southern Iowa |
| 33,000 | Acres of Natural Lakes |
| 23,000 | Acres of Man-Made Lakes |
| 2,000 | Acres of Oxbow Lakes |
| 30,200 | Acres of Federal Reservoirs |
| 19,000 | Miles of Interior Fishing Streams |
| 66 | State Parks and Recreation Areas |
| 42 | State Parks with Lakes |
| 54 | State Parks with Camping |
| 51,000 | Acres of State Owned Land and Water |
| 25,000 | Acres of State Forests |
| 5,000 | Acres of State Preserves Areas |
| 1,046 | County Conservation Board Areas |
| 26 | State Wildlife Stations |

# Iowa, number 1 pheasant state

| Species | No. Hunters | Game Harvested |
|---|---|---|
| Pheasant | 255,000 | 1,448,000 |
| Rabbits | 151,000 | 1,134,800 |
| Squirrel | 118,000 | 949,700 |
| Quail | 97,000 | 563,600 |

| Species | No. Hunters | Game Harvested |
|---|---|---|
| Turkeys | 5,840 | 2,252 |
| Deer Bow | 14,465 | 4,368 |
| Deer Gun | 73,289 | 21,578 |
| Total Deer | 87,754 | 25,946 |

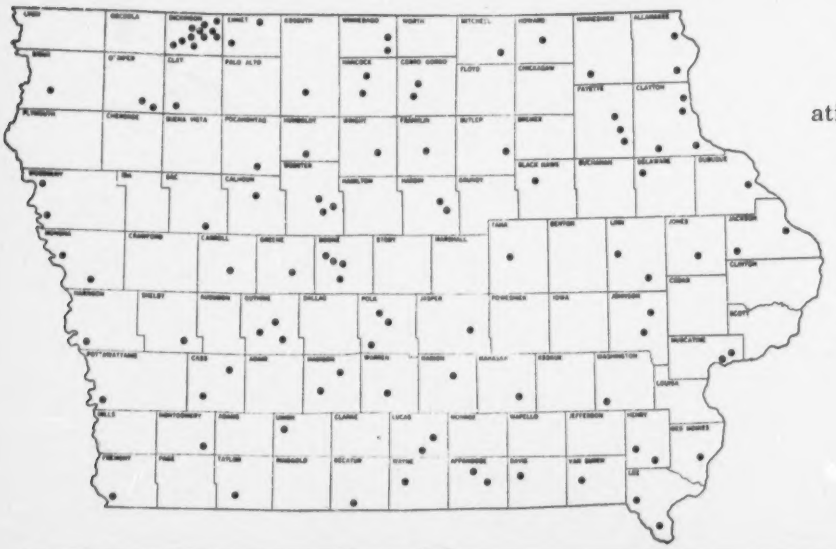
Source: 1981 Quickie Facts and Figures, Iowa Conservation Commission.

# state park attendance, 1981

| | |
|---|---|
| A. A. Call | 195,955 |
| Backbone | 475,731 |
| Beeds Lake | 239,458 |
| Bellevue | 234,605 |
| Big Creek | 408,283 |
| Black Hawk | 633,872 |
| Bob White | 44,257 |
| Brushy Creek | 244,610 |
| Clear Lake | 284,950 |
| Dolliver | 168,162 |
| Elk Rock | 80,046 |
| Emerson | 206,703 |
| Ft. Defiance | 139,622 |
| Geode | 384,350 |
| George Wyth | 310,574 |
| Green Valley | 357,655 |
| Gull Point | 233,728 |
| Honey Creek | 157,550 |
| Isthmus | 31,900 |
| Lacey-Keosauqua | 263,230 |
| Lake Ahquabi | 387,100 |
| Lake Anita | 148,860 |
| Lake Darling | 377,160 |
| Lake Keomah | 121,111 |
| Lake Macbride | 486,600 |
| Lake Manawa | 782,650 |
| Lake of Three Fires | 123,326 |
| Lake Wapello | 191,281 |
| Ledges | 206,766 |
| Lewis and Clark | 193,100 |
| Lower Gar | 7,980 |
| Maquoketa Caves | 153,821 |
| Marble Beach | 168,936 |
| Margo Frankel | 19,205 |
| McIntosh Woods | 192,325 |
| Mini-Wakan | 76,389 |
| Nine Eagles | 73,672 |
| Okamanpedan | 121,286 |
| Palisades-Kepler | 246,660 |
| Pammel | 68,620 |
| Pikes Peak | 220,180 |
| Pikes Point | 63,275 |
| Pilot Knob | 160,074 |
| Pine Lake | 345,375 |
| Pleasant Creek | 95,695 |
| Plum Grove | 3,188 |
| Prairie Rose | 173,150 |
| Preparation Canyon | 33,125 |
| Red Haw | 343,800 |
| Rock Creek | 584,345 |
| Springbrook | 462,253 |
| Stone Park | 523,610 |
| Trappers Bay | 82,975 |
| Twin Lakes | 32,949 |
| Union Grove | 250,538 |
| Viking Lake | 155,370 |
| Volga River | 144,275 |
| Walnut Woods | 113,050 |
| Wanata | 2,425 |
| Wapsipinicon | 698,700 |
| Waubonsie | 135,604 |
| Wild Cat Den | 548,446 |
| TOTAL ATTENDANCE FOR 1981—ALL PARKS | 14,486,066 |

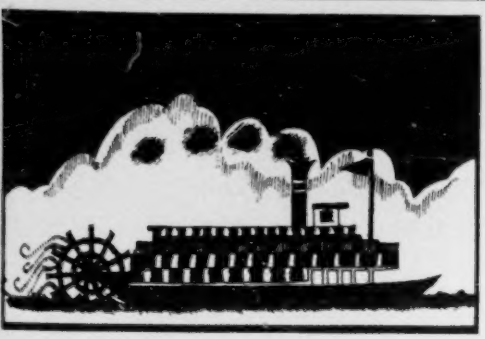
Source: Iowa Conservation Commission.

# state-owned recreation areas



Iowa's state owned parks and recreation areas offer:

Camping
Hunting
Picnicking
Swimming
Boating
Fishing
Nature Trails
Golf
Winter Skiing
Snowmobile Trails
and many, many more



# economic impact of travel on Iowa

| | 1976 | 1978 | 1980 | 1981 |
|---|---|---|---|---|
| Total expenditures | $943,869,000 | $1,267,900,000 | $1,543,600,000 | $1,594,701,000 |
| Jobs directly attributable to traveler spending in Iowa | 43,000 | 49,000 | 54,000 | 51,500 |
| Average travel expenditures generating one job in the travel industry | $ 21,689 | $ 25,800 | $ 28,600 | $ 31,000 |
| Tax revenue directly generated by travelers to the State Treasury | $ 42,200,000 | $ 44,640,000 | $ 58,100,000 | $ 55,000,000 |

Source: U.S. Travel Data Center County Travel Economic Impact Model (CTEIM).

# state park camping attendance, 1981

| Area | Individual Campers |
|---|---|
| A. A. Call | 383 |
| Backbone | 21,576 |
| Beeds Lake | 12,968 |
| Bellevue | 2,221 |
| Black Hawk | 7,721 |
| Bob White | 1,632 |
| Brushy Creek | 2,214 |
| Clear Lake | 17,343 |
| Dolliver | 3,135 |
| Elk Rock | 470 |
| Ft. Defiance | 262 |
| Geode | 10,252 |
| George Wyth | 6,773 |
| Green Valley | 11,917 |
| Gull Point | 38,641 |
| Honey Creek | 6,924 |
| Lacey-Keosauqua | 7,067 |
| Lake Ahquabi | 12,679 |
| Lake Anita | 11,366 |
| Lake Darling | 9,785 |
| Lake Keomah | 1,905 |
| Lake Macbride | 12,918 |
| Lake Manawa | 3,157 |
| Lake of Three Fires | 2,553 |
| Lake Wapello | 5,571 |
| Ledges | 3,612 |
| Lewis and Clark | 8,389 |
| Maquoketa Caves | 2,559 |
| McIntosh Woods | 2,898 |
| Nine Eagles | 6,107 |
| Palisades Kepler | 5,189 |
| Pammel | 518 |
| Pikes Peak | 8,563 |
| Pilot Knob | 3,522 |
| Pine Lake | 11,637 |
| Prairie Rose | 4,202 |
| Red Haw | 7,826 |
| Rock Creek | 19,875 |
| Springbrook | 10,162 |
| Stone Park | 1,833 |
| Union Grove | 2,111 |
| Viking Lake | 9,335 |
| Volga River | 1,154 |
| Walnut Woods | 1,921 |
| Wapsipinicon | 1,496 |
| Waubonsie | 5,962 |
| Wild Cat Den | 3,767 |
| Wilson Island | 1,632 |
| TOTALS | 335,703 |

Source: Iowa Conservation Commission.

# impact of travel on Iowa counties, 1981

| County | Total Expenditures (Thousands) | Travel Generated Payroll (Thousands) | Travel Generated Employment (Jobs) | State Tax Receipts (Thousands) | Local Tax Receipts (Thousands) |
|---|---|---|---|---|---|
| State Total | $1,594,701 | $321,522 | $51,453 | $54,952 | $15,007 |
| Polk | 457,473 | 99,859 | 13,553 | 12,999 | 5,356 |
| Linn | 143,996 | 31,659 | 4,060 | 3,738 | 1,623 |
| Scott | 123,916 | 22,033 | 3,926 | 4,465 | 996 |
| Woodbury | 79,271 | 16,439 | 2,572 | 2,678 | 798 |
| Black Hawk | 73,915 | 15,276 | 2,362 | 2,482 | 671 |
| Johnson | 65,972 | 12,942 | 2,530 | 2,887 | 496 |
| Dickinson | 64,115 | 12,080 | 2,238 | 2,455 | 463 |
| Dubuque | 51,828 | 10,969 | 1,746 | 1,879 | 610 |
| Cerro Gordo | 40,874 | 7,912 | 1,458 | 1,636 | 304 |
| Lee | 34,417 | 5,128 | 686 | 748 | 197 |
| Des Moines | 33,056 | 6,545 | 1,044 | 1,103 | 251 |
| Story | 28,984 | 5,796 | 1,110 | 1,267 | 222 |
| Pottawattamie | 27,956 | 5,309 | 1,032 | 1,208 | 308 |
| Jasper | 23,386 | 4,431 | 877 | 1,019 | 170 |
| Muscatine | 17,948 | 3,452 | 659 | 765 | 176 |
| Iowa | 15,868 | 3,014 | 601 | 694 | 116 |
| Marshall | 14,849 | 2,904 | 557 | 645 | 111 |
| Wapello | 14,526 | 2,813 | 522 | 594 | 108 |
| Clay | 13,363 | 2,558 | 497 | 578 | 98 |
| Webster | 10,767 | 2,128 | 357 | 409 | 82 |
| Boone | 10,409 | 1,981 | 387 | 451 | 76 |
| Dallas | 8,327 | 1,557 | 303 | 358 | 60 |
| Clinton | 8,168 | 1,617 | 269 | 315 | 62 |
| Buchanan | 6,873 | 1,265 | 231 | 260 | 49 |
| Mahaska | 6,740 | 1,293 | 246 | 282 | 50 |
| Allamakee | 5,625 | 1,045 | 197 | 225 | 40 |
| Hardin | 5,601 | 1,051 | 202 | 241 | 40 |
| Crawford | 5,450 | 1,044 | 201 | 236 | 40 |
| Bremer | 5,439 | 1,036 | 201 | 235 | 40 |
| Harrison | 5,431 | 989 | 192 | 232 | 38 |
| Appanoose | 5,401 | 1,028 | 200 | 233 | 39 |
| Guthrie | 5,303 | 1,001 | 198 | 228 | 38 |
| Fayette | 5,155 | 961 | 184 | 219 | 37 |
| Jackson | 4,989 | 932 | 174 | 199 | 36 |
| Carroll | 4,962 | 951 | 179 | 214 | 36 |
| Kossuth | 4,886 | 889 | 165 | 206 | 34 |
| Monona | 4,834 | 901 | 177 | 208 | 35 |
| Clarke | 4,799 | 899 | 178 | 208 | 34 |
| Tama | 4,702 | 881 | 169 | 198 | 34 |
| Montgomery | 4,686 | 896 | 175 | 204 | 34 |
| Cherokee | 4,550 | 876 | 169 | 197 | 34 |
| Chickasaw | 4,378 | 817 | 161 | 189 | 31 |
| Clayton | 4,292 | 784 | 147 | 172 | 30 |
| Poweshiek | 4,253 | 814 | 137 | 149 | 31 |
| Cedar | 4,112 | 752 | 142 | 168 | 29 |
| O'Brien | 4,086 | 759 | 146 | 176 | 29 |
| Page | 4,059 | 764 | 146 | 175 | 29 |
| Humboldt | 3,921 | 726 | 143 | 170 | 28 |
| Marion | 3,706 | 724 | 134 | 158 | 28 |
| Buena Vista | 3,660 | 696 | 131 | 156 | 27 |
| Emmet | 3,593 | 678 | 128 | 150 | 26 |
| Winneshiek | 3,540 | 693 | 129 | 152 | 27 |
| Keokuk | 3,459 | 637 | 124 | 148 | 24 |
| Butler | 3,423 | 638 | 125 | 145 | 24 |

# mpact of travel on Iowa counties, 1981 (cont.)

| ounty | Total Expenditures (Thousands) | Travel Generated Payroll (Thousands) | Travel Generated Employment (Jobs) | State Tax Receipts (Thousands) | Local Tax Receipts (Thousands) |
|---|---|---|---|---|---|
| oyd | 3,321 | 639 | 119 | 140 | 25 |
| lo Alto | 3,132 | 573 | 105 | 121 | 22 |
| enry | 3,038 | 571 | 105 | 126 | 22 |
| elaware | 3,029 | 526 | 72 | 70 | 20 |
| ss | 2,969 | 580 | 107 | 126 | 22 |
| nes | 2,961 | 530 | 101 | 124 | 20 |
| amilton | 2,888 | 547 | 103 | 122 | 21 |
| fferson | 2,857 | 560 | 104 | 123 | 21 |
| cahontas | 2,739 | 503 | 98 | 117 | 19 |
| orth | 2,651 | 498 | 99 | 115 | 19 |
| innebago | 2,559 | 485 | 91 | 108 | 19 |
| ymouth | 2,462 | 451 | 80 | 101 | 17 |
| right | 2,42[illegible] | 429 | 77 | 92 | 16 |
| nion | 2,296 | 443 | 83 | 98 | 17 |
| ashington | 2,259 | 417 | 76 | 94 | 16 |
| ills | 2,189 | 393 | 75 | 93 | 15 |
| elby | 2,149 | 403 | 76 | 92 | 15 |
| avis | 2,127 | 390 | 75 | 90 | 15 |
| ayne | 2,110 | 385 | 75 | 90 | 15 |
| oux | 2,060 | 400 | 65 | 84 | 15 |
| emont | 1,997 | 397 | 76 | 87 | 15 |
| lams | 1,977 | 373 | 74 | 86 | 14 |
| onroe | 1,942 | 352 | 68 | 83 | 14 |
| ecatur | 1,883 | 354 | 70 | 81 | 14 |
| lhoun | 1,742 | 286 | 40 | 47 | 11 |
| cas | 1,647 | 301 | 58 | 70 | 12 |
| arren | 1,606 | 275 | 46 | 64 | 11 |
| adison | 1,579 | 278 | 52 | 65 | 11 |
| arklin | 1,532 | 273 | 52 | 63 | 10 |
| oward | 1,456 | 265 | 51 | 60 | 10 |
| udubon | 1,447 | 279 | 52 | 62 | 11 |
| lair | 1,440 | 260 | 50 | 61 | 10 |
| eene | 1,426 | 278 | 52 | 61 | 11 |
| ceola | 1,380 | 255 | 50 | 59 | 10 |
| c | 1,360 | 228 | 32 | 35 | 9 |
| uisa | 1,251 | 210 | 31 | 35 | 8 |
| ancock | 1,115 | 215 | 38 | 45 | 8 |
| itchell | 1,098 | 194 | 36 | 44 | 7 |
| undy | 949 | 161 | 29 | 38 | 6 |
| nggold | 857 | 152 | 27 | 32 | 6 |
| a | 790 | 137 | 25 | 33 | 5 |
| nton | 755 | 111 | 17 | 27 | 4 |
| ylor | 685 | 126 | 25 | 30 | 5 |
| on | 671 | 109 | 20 | 28 | 4 |
| n Buren | 600 | 108 | 21 | 24 | 4 |

rce: U.S. Travel Data Center County Travel Economic Impact Model.

# travel to and through Iowa, 1977

| Characteristics of trip or traveler | All travel to and through state | | | | Trips to destinations | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | In This State | | In Other States[1] | |
| | Households taking trips (thousands) | Persons taking trips (thousands) | Person-trips (thousands) | Person-nights (thousands)[2] | Person-trips (thousands) | Person-nights (thousands)[2] | Person-trips (thousands) | Person-nights (thousands)[2] |
| TOTAL | 3,364 | 7,673 | 17,665 | 29,173 | 8,763 | 25,814 | 1,772 | 3,360 |
| **Means of Transport** | | | | | | | | |
| Auto/Truck (without camping equip.) | (z) | (z) | 14,468 | 21,757 | 7,129 | 19,802 | 1,185 | 1,955 |
| Auto/Truck (with camping equip.) | (z) | (z) | 1,806 | 2,219 | 772 | 1,733 | 290 | 486 |
| Bus | (z) | (z) | 154 | 393 | 109 | 349 | 45 | 45 |
| Train | (z) | (z) | 2 | 4 | 2 | 4 | — | — |
| Air | (z) | (z) | 650 | 3,123 | 546 | 2,689 | 105 | 434 |
| Other | (z) | (z) | 106 | 178 | 72 | 97 | 35 | 81 |
| **Purpose of Trip** | | | | | | | | |
| Visit Relatives/Friends | (z) | (z) | 7,867 | 13,760 | 4,063 | 12,158 | 736 | 1,602 |
| Business | (z) | (z) | 2,413 | 7,166 | 1,572 | 6,873 | 168 | 293 |
| Convention | (z) | (z) | 353 | 361 | 139 | 294 | 38 | 67 |
| Outdoor Recreation | (z) | (z) | 1,891 | 1,400 | 672 | 1,151 | 106 | 249 |
| Entertainment | (z) | (z) | 982 | 578 | 309 | 416 | 130 | 162 |
| Sightseeing | (z) | (z) | 1,220 | 1,090 | 254 | 447 | 356 | 643 |
| Personal/Fam. Aff/Med | (z) | (z) | 1,702 | 3,448 | 1,016 | 3,277 | 117 | 171 |
| Shopping | (z) | (z) | 118 | 26 | 71 | 26 | — | — |
| Other | (z) | (z) | 1,121 | 1,345 | 668 | 1,172 | 123 | 173 |
| **Family Income** | | | | | | | | |
| Under $5,000 | 401 | 700 | 2,046 | 2,762 | 1,098 | 2,369 | 115 | 392 |
| $5,000 to $7,499 | 252 | 526 | 859 | 1,194 | 369 | 1,004 | 118 | 191 |
| $7,500 to $9,999 | 271 | 567 | 1,309 | 2,108 | 776 | 1,761 | 124 | 348 |
| $10,000 to $14,999 | 749 | 1,684 | 3,453 | 6,549 | 1,649 | 5,867 | 397 | 681 |
| $15,000 to $19,999 | 628 | 1,539 | 3,749 | 5,788 | 1,893 | 5,210 | 350 | 578 |
| $20,000 to $24,999 | 421 | 1,167 | 2,188 | 3,577 | 1,027 | 3,086 | 269 | 491 |
| $25,000 to $49,999 | 559 | 1,314 | 3,704 | 3,878 | 1,697 | 3,217 | 382 | 661 |
| $50,000 or More | 84 | 176 | 358 | 3,318 | 255 | 3,300 | 18 | 18 |
| **Occupation of Household Head** | | | | | | | | |
| Professional and Technical | 577 | 1,364 | 3,228 | 5,495 | 1,678 | 4,758 | 363 | 737 |
| Mgr./Admin. Except Farm | 464 | 1,118 | 2,514 | 4,880 | 1,398 | 4,435 | 310 | 445 |
| Sales | 175 | 320 | 1,185 | 517 | 409 | 480 | 37 | 37 |
| Clerical | 227 | 434 | 773 | 1,483 | 309 | 1,162 | 86 | 321 |
| Craft and Kindred | 526 | 1,429 | 3,627 | 6,337 | 1,732 | 5,776 | 365 | 561 |
| Operatives | 261 | 646 | 1,414 | 3,249 | 787 | 3,115 | 83 | 134 |
| Nonfarm Laborers | 37 | 97 | 112 | 77 | 28 | 47 | 27 | 30 |
| Service Workers | 166 | 439 | 803 | 982 | 477 | 881 | 53 | 101 |
| Farm Workers | 246 | 615 | 1,969 | 1,664 | 1,029 | 1,496 | 105 | 168 |
| Retired | 391 | 756 | 1,335 | 2,450 | 590 | 1,895 | 242 | 555 |
| Other | 295 | 456 | 705 | 2,039 | 326 | 1,769 | 100 | 270 |
| **Size of Household** | | | | | | | | |
| 1 Person | 626 | 570 | 1,168 | 2,674 | 495 | 2,188 | 116 | 486 |
| 2 Persons | 1,203 | 2,106 | 4,850 | 10,027 | 2,174 | 8,864 | 583 | 1,163 |
| 3 Persons | 500 | 1,200 | 3,087 | 7,345 | 1,403 | 2,917 | 275 | 428 |
| 4 Persons | 554 | 1,741 | 4,689 | 5,551 | 2,560 | 4,874 | 438 | 676 |
| 5 Persons or More | 481 | 2,056 | 3,871 | 7,577 | 2,132 | 6,971 | 360 | 607 |
| **Weekend or Other Trip** | | | | | | | | |
| Weekend | (z) | (z) | 7,117 | 7,291 | 4,302 | 7,058 | 185 | 233 |
| Not a Weekend | (z) | (z) | 10,440 | 51,774 | 4,415 | 18,647 | 1,587 | 3,127 |
| Not Reported | (z) | (z) | 108 | 108 | 46 | 108 | — | — |
| **Vacation or Other Trip** | | | | | | | | |
| Vacation | (z) | (z) | 8,386 | 14,334 | 2,964 | 11,686 | 1,379 | 2,648 |
| Not a Vacation | (z) | (z) | 9,179 | 14,634 | 5,771 | 13,969 | 370 | 665 |
| Not Reported | (z) | (z) | 100 | 206 | 28 | 159 | 23 | 47 |
| **Round-Trip Distance** | | | | | | | | |
| 200 to 299 Miles | (z) | (z) | 3,916 | 4,002 | 3,155 | 3,965 | 24 | 37 |
| 300 to 399 Miles | (z) | (z) | 2,769 | 3,950 | 2,002 | 3,899 | 28 | 51 |
| 400 to 599 Miles | (z) | (z) | 3,384 | 3,864 | 1,580 | 3,706 | 119 | 158 |
| 600 to 799 Miles | (z) | (z) | 1,647 | 7,778 | 967 | 7,538 | 100 | 239 |
| 800 to 999 Miles | (z) | (z) | 943 | 1,244 | 273 | 1,035 | 52 | 209 |
| 1,000 to 1,999 Miles | (z) | (z) | 2,135 | 2,855 | 372 | 1,874 | 527 | 982 |
| 2,000 and Over | (z) | (z) | 2,614 | 5,275 | 414 | 3,796 | 823 | 1,480 |
| Outside United States | (z) | (z) | 256 | 204 | — | — | 98 | 204 |
| **Duration of Trip[3]** | | | | | | | | |
| No Nights out of Town | (z) | (z) | 2,524 | — | 2,067 | — | — | — |
| 1 Night | (z) | (z) | 2,272 | 1,700 | 1,715 | 1,692 | 8 | 8 |
| 2-3 Nights | (z) | (z) | 5,867 | 6,766 | 2,916 | 6,510 | 229 | 256 |
| 4-9 Nights | (z) | (z) | 3,899 | 7,564 | 1,391 | 6,772 | 517 | 792 |
| 10-15 Nights | (z) | (z) | 1,511 | 5,431 | 440 | 4,552 | 470 | 879 |
| 16 Nights or More | (z) | (z) | 1,592 | 7,712 | 234 | 6,288 | 547 | 1,424 |

# travel to and through Iowa, (continued)

| Characteristics of trip or traveler | All travel to and through state | | | | Trips to destinations | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | In This State | | In Other States[1] | |
| | Households taking trips (thousands) | Persons taking trips (thousands) | Person-trips (thousands) | Person-nights (thousands)[2] | Person-trips (thousands) | Person-nights (thousands)[2] | Person-trips (thousands) | Person-nights (thousands)[2] |
| **Number on Trip[4]** | | | | | | | | |
| 1 Person | (z) | (z) | 4,693 | 11,997 | 2,460 | 10,938 | 401 | 1,059 |
| 2 Persons | (z) | (z) | 5,949 | 7,180 | 2,486 | 6,063 | 646 | 1,117 |
| 3 Persons | (z) | (z) | 1,920 | 2,556 | 913 | 2,290 | 206 | 267 |
| 4 Persons | (z) | (z) | 3,375 | 4,175 | 1,973 | 3,566 | 360 | 609 |
| 5 Persons or More | (z) | (z) | 1,728 | 3,265 | 932 | 2,957 | 159 | 308 |
| **Age of Traveler[3]** | | | | | | | | |
| Under 18 Years | — | 1,983 | 4,127 | 6,320 | 2,293 | 5,634 | 414 | 686 |
| 18-24 | 382 | 935 | 1,895 | 2,790 | 791 | 2,300 | 173 | 491 |
| 25-34 | 764 | 1,294 | 3,083 | 3,737 | 1,308 | 3,157 | 312 | 580 |
| 35-44 | 614 | 974 | 2,886 | 5,275 | 1,665 | 4,888 | 224 | 387 |
| 45-54 | 652 | 999 | 2,834 | 6,331 | 1,588 | 6,025 | 207 | 306 |
| 55-64 | 490 | 846 | 1,707 | 2,596 | 532 | 1,995 | 299 | 602 |
| 65 Years and Over | 463 | 643 | 1,134 | 2,124 | 587 | 1,816 | 143 | 308 |
| **Education of Traveler[3]** | | | | | | | | |
| Elementary School or Less | 308 | 2,086 | 4,232 | 6,521 | 2,253 | 5,711 | 499 | 810 |
| High School | 1,591 | 3,328 | 7,647 | 13,919 | 3,640 | 12,768 | 637 | 1,151 |
| College | 1,465 | 2,259 | 5,786 | 8,734 | 2,871 | 7,335 | 637 | 1,399 |
| **Sex of Traveler[3]** | | | | | | | | |
| Male | 2,824 | 3,939 | 9,639 | 16,377 | 4,802 | 14,975 | 904 | 1,402 |
| Female | 540 | 3,735 | 8,026 | 12,796 | 3,962 | 10,838 | 868 | 1,958 |
| **Area of Permanent Residence** | | | | | | | | |
| In an SMSA Under One Million | 953 | 2,339 | 7,143 | 7,877 | 3,666 | 6,996 | 541 | 880 |
| In an SMSA One Million and Over | 1,020 | 2,238 | 4,000 | 9,833 | 2,141 | 8,644 | 675 | 1,189 |
| Not in an SMSA | 1,391 | 3,097 | 6,522 | 11,464 | 2,957 | 10,173 | 555 | 1,291 |
| **Travel Region of Origin** | | | | | | | | |
| New England | (z) | (z) | 138 | 133 | 12 | 17 | 96 | 116 |
| Eastern Gateway | (z) | (z) | 266 | 555 | 91 | 395 | 119 | 161 |
| G. W. Country | (z) | (z) | 176 | 349 | 51 | 288 | 46 | 61 |
| South | (z) | (z) | 312 | 1,454 | 161 | 1,310 | 70 | 144 |
| Great Lakes Country | (z) | (z) | 13,103 | 14,436 | 6,561 | 13,017 | 852 | 1,420 |
| Mountain West | (z) | (z) | 1,396 | 2,303 | 677 | 1,903 | 209 | 400 |
| Frontier West | (z) | (z) | 1,775 | 7,182 | 985 | 6,417 | 290 | 765 |
| Far West and Hawaii | (z) | (z) | 500 | 2,760 | 227 | 2,467 | 90 | 293 |

NOTE: Data include only those trips through the State in which 1 night or more was spent in the State. Detail may not add to totals within the table and totals may differ between tables due to rounding.

— Represents zero or rounds to zero. (z) Not applicable.

[1] Includes trips to destinations outside the United States.

[2] Nights spent in state.

[3] Includes total nights spent on trip, not just nights spent in state.

[4] Apparent inconsistency between figure for household trips and that for person-trips is because the two kinds of trips were weighted independently.

# Iowa is an overnight trip to one-fourth of nation's population; has beelines to seaports

Iowa is an ideal distribution point.

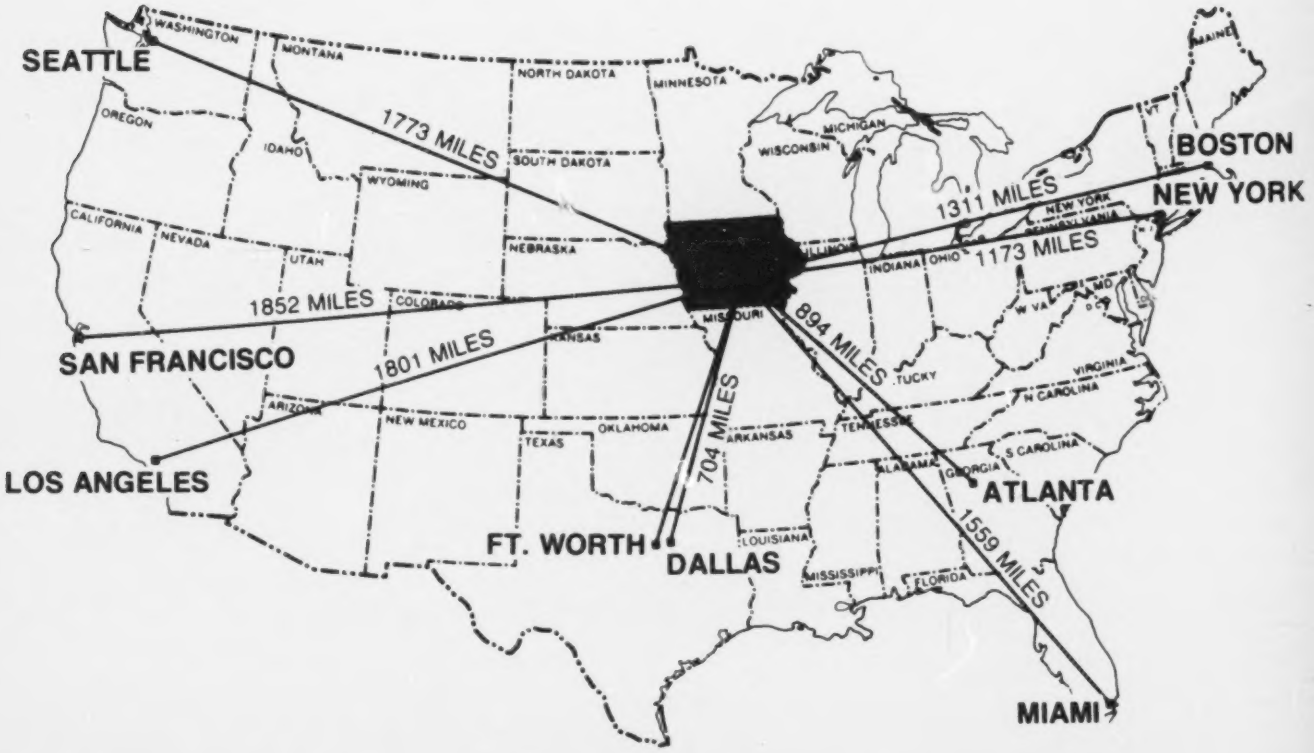
Only a day away are Chicago, Twin Cities, St. Louis, Kansas City, Milwaukee, Omaha, and Wichita—plus the many wealthy markets in between.

A rig can reach the farthest point in America in only three days; a train can do it in four.

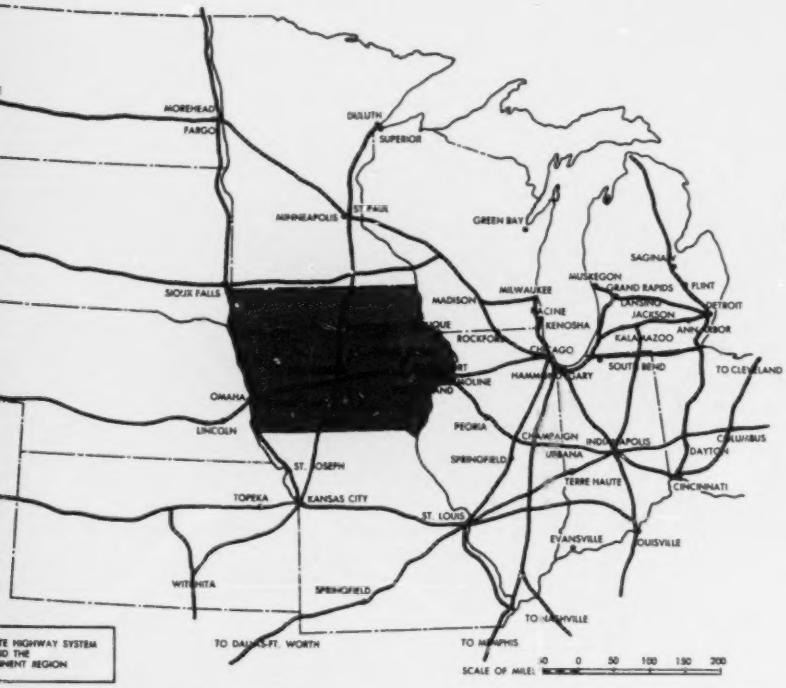
The nation's two transcontinental interstate highways intersect in Iowa. The state is served by all major truck lines and "double bottoms" are legal. You can reach the sea by water or road.

Add Iowa's transportation advantages to its "Open Port Warehousing" and you have the perfect combination for moving products.

**DISTANCE FROM CENTRAL IOWA TO URBAN CENTERS IN TEN-STATE REGIONAL MARKET**



# Iowa transportation




INTERSTATE HIGHWAY SYSTEM
IOWA AND THE MIDCONTINENT REGION

Iowa is ahead of 40 other states in miles of roads, even though it is only twenty-fifth in area.

Aside from its interstate highways, Iowa's extensive internal road system is based on a "farm-to-market" philosophy that reflects the urgency of moving the vast agricultural production.

Those same roads and highways, constantly updated, now also serve the industries that have been established in all parts of Iowa since World War II.

You can drive to Boston from Iowa's western border without hitting a stop sign.

# how Iowa gets around—land and air

aiiroads

| | |
|---|---|
| Class 1 miles of road operated 1982 | 5,189 |
| otor Vehicle Registration—1981 | 2,976,583 |
| Auto—1980 | 1,692,840 |
| Trucks—1980 | 605,450 |
| Motorcycles—1980 | 219,466 |
| Truck tractors—1980 | 28,390 |
| irports—Public | 350 |
| All weather runways | 92 |
| Lighted runways | 133 |

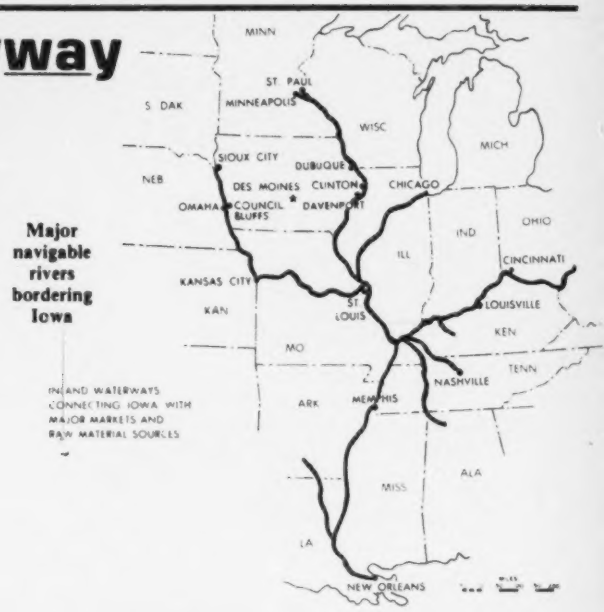
Iowa Highway and Road Mileage—Jan. 1, 1982

| | |
|---|---|
| Portland concrete | 12,649.64 |
| Asphalt paved | 20,651.79 |
| Bituminous treated | 2,591.31 |
| Gravel or stone | 70,647.81 |
| Not surfaced | 5,782.76 |
| Total | 112,323.31 |
| Municipal | 13,522.17 |
| Rural | 98,493.35 |
| State parks and inst. roads | 307.79 |

irce: Iowa Department of Transportation.

# goes everywhere everyway

## Iowa has water routes to the seas, industrial centers

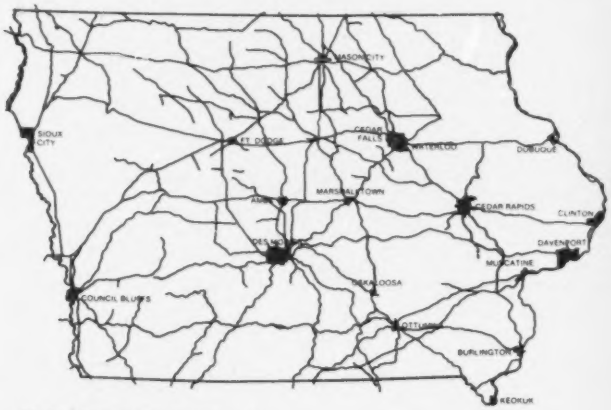



**Major navigable rivers bordering Iowa**

Iowa is the *only* state bordered by two navigable rivers. Goods can go by water as far east as Pennsylvania, west to Oklahoma, and to seaports on the Gulf and Great Lakes.

More than 36,000,000 tons of cargo moved on the Mississippi past Davenport in 1981. It included more than: 25 million tons of grain, more than 3.9 million tons of coal, and more than 4.5 million tons of petroleum.

## Iowa railroads reliable




**Major Railroads Serving Iowa**

Iowa has six Class I railroads and more than 5,100 miles of operated track.

Railroads serving Iowa offer "piggyback" service to 34 Iowa cities and 60 terminal sites. Shipments can reach about one-fourth of the nation in a day, the farthest point in only four days.

## You can blanket Iowa by air

**Airports in Iowa**

Iowa has 350 airports, more than 38 other states. Of these, 92 have all weather runways and 133 are lighted.

The state is served by five major airlines (Frontier, Ozark, Republic, TWA and United) and several commuter airlines.

You can't drive more than 30 minutes in any direction in Iowa without finding an airport suitable for a company jet.

# revenue freight originating on class 1 railroads, Iowa (tons)

| Code No. | Commodity | 1967 | 1970 | 1975 | 1979[1] | 1980 | 1981 |
|---|---|---|---|---|---|---|---|
| 01 | Farm Products | 6,594,827 | 10,950,353 | 10,571,249 | 16,291,837 | 17,850,717 | 15,563,411 |
| 08 | Forest Products | 50 | | | 60 | — | — |
| 09 | Fresh Fish | 474 | 592 | 216 | — | — | — |
| 10 | Metallic Ores | 623 | 1,597 | 308 | 193 | 170 | 286 |
| 11 | Coal | 608,077 | 548,202 | 243,922 | 247,364 | 13,220 | 148 |
| 13 | Crude Petroleum | 336 | 2,013 | | — | — | — |
| 14 | Nonmetallic Minerals | 2,278,296 | 2,084,640 | 1,876,412 | 1,537,623 | 422,804 | 304,258 |
| 19 | Ordnance and Accessories | 112,806 | 115,309 | 51,292 | 9,115 | 4,972 | 6,252 |
| 20 | Food and Kindred Products | 7,431,136 | 7,737,795 | 7,138,873 | 7,451,118 | 6,752,803 | 6,798,592 |
| 21 | Tobacco Products | 269 | 54 | 18 | 59 | — | 32 |
| 22 | Basic Textiles | 1,182 | 1,018 | 722 | 949 | 296 | 1,443 |
| 23 | Apparel and Finished Textile | 3,690 | 444 | 54 | 204 | 39 | 31 |
| 24 | Lumber and Wood Products | 172,484 | 165,503 | 94,892 | 79,331 | 48,730 | 47,397 |
| 25 | Furniture and Fixtures | 22,188 | 31,973 | 27,299 | 32,734 | 15,103 | 15,688 |
| 26 | Pulp, Paper and Allied Products | 102,117 | 114,831 | 100,392 | 100,167 | 87,539 | 82,250 |
| 27 | Printed Matter | 42,367 | 40,719 | 27,387 | 20,330 | 12,530 | 9,060 |
| 28 | Chemical and Allied Products | 1,393,263 | 1,929,577 | 1,644,805 | 1,847,620 | 1,777,066 | 1,825,789 |
| 29 | Petroleum and Coal Products | 177,477 | 227,352 | 85,736 | 86,415 | 61,292 | 64,417 |
| 30 | Rubber and Miscellaneous Plastic | 35,505 | 110,663 | 93,208 | 53,306 | 36,041 | 35,072 |
| 31 | Leather and Leather Products | 355 | 2,161 | 94 | 256 | 847 | 1,231 |
| 32 | Stone, Clay, Glass Products | 2,925,747 | 2,062,995 | 1,187,516 | 1,174,888 | 1,029,447 | 847,484 |
| 33 | Primary Metal Products | 214,707 | 229,061 | 166,447 | 199,306 | 166,519 | 149,095 |
| 34 | Fabricated Metal Products | 82,960 | 80,117 | 54,569 | 65,818 | 79,743 | 59,267 |
| 35 | Machinery Except Electrical | 213,547 | 173,756 | 165,762 | 128,331 | 155,374 | 144,922 |
| 36 | Electrical Machinery | 113,961 | 166,603 | 154,534 | 61,357 | 39,762 | 32,847 |
| 37 | Transportation Machinery | 25,078 | 28,674 | 27,392 | 67,363 | 82,997 | 135,708 |
| 38 | Instruments, Optical Products | 156 | 301 | | 57 | — | 75 |
| 39 | Miscellaneous Manufacturing Products | 1,239 | 1,938 | 2,455 | 1,964 | 1,551 | 1,144 |
| 40 | Wasted Scrap Materials | 379,301 | 504,531 | 579,930 | 711,924 | 627,277 | 721,465 |
| 41 | Miscellaneous Freight Shipments | 8,827 | 9,312 | 5,826 | 11,184 | 8,766 | 17,621 |
| 42 | Container, Returned Empty | 30,093 | 32,756 | 17,323 | 10,197 | 9,405 | 14,060 |
| 44 | Freight Forwarder Traffic | 844 | 3,078 | 406 | 10,837 | 11,302 | 212 |
| 45 | Shipper Associate or Similar Traffic | 397 | 1,438 | 11,306 | 10,773 | 6,054 | 6,235 |
| 46 | Miscellaneous Mixed Shipments | 26,237 | 41,408 | 87,611 | 220,575 | 144,252 | 173,555 |
| | Grand Total Carload | 23,000,716 | 27,400,765 | 24,417,956 | 30,433,255 | 29,446,618 | 27,059,047 |
| 47 | Small Packaged Freight Shipments | 6,041 | 8,866 | 1,660 | 2,322 | 1,851 | 2,126 |
| | Carload and LCL Traffic | 23,006,757 | 27,409,631 | 24,419,616 | 30,435,577 | 29,448,469 | 27,061,173 |

[1]Rock Island data based on 1978. 1979 data not available from the Rock Island.

Source: Iowa Department of Transportation, Advance Planning Division.

# revenue freight terminating on class 1 railroads, Iowa (tons)

| Code No. | Commodity | 1967 | 1970 | 1975 | 1979[1] | 1980 | 1981 |
|---|---|---|---|---|---|---|---|
| 01 | Farm Products | 6,098,438 | 5,849,797 | 5,318,918 | 3,300,217 | 3,160,190 | 4,412,408 |
| 08 | Forest Products | 6,484 | 18,405 | 19,592 | 26,955 | 16,777 | 21,017 |
| 09 | Fresh Fish | 20,620 | 14,594 | 9,126 | 7,273 | 5,421 | 4,488 |
| 10 | Metallic Ores | 74,928 | 49,587 | 8,016 | 35,262 | 42,672 | 31,690 |
| 11 | Coal | 3,077,387 | 3,402,527 | 4,071,743 | 9,610,813 | 9,617,358 | 9,246,299 |
| 13 | Crude Petroleum | 274 | 2,224 | 224 | 996 | 30 | 45 |
| 14 | Nonmetallic Minerals | 2,642,300 | 2,459,163 | 2,352,562 | 2,013,543 | 743,136 | 567,715 |
| 19 | Ordnance and Accessories | 56,901 | 78,220 | 37,285 | 3,110 | 1,617 | 9,999 |
| 20 | Food and Kindred Products | 2,222,532 | 2,455,156 | 1,765,620 | 1,779,019 | 1,200,952 | 1,264,029 |
| 21 | Tobacco Products | 2,135 | 4,209 | 6,907 | 3,442 | 2,901 | 1,982 |
| 22 | Basic Textiles | 17,306 | 16,886 | 18,893 | 10,507 | 5,299 | 2,654 |
| 23 | Apparel and Finished Textile | 3,874 | 905 | 476 | 645 | 149 | 42 |
| 24 | Lumber and Wood Products | 678,543 | 627,922 | 545,636 | 541,369 | 299,121 | 267,209 |
| 25 | Furniture and Fixtures | 18,098 | 24,031 | 20,097 | 11,797 | 7,703 | 5,239 |
| 26 | Pulp, Paper and Allied Products | 618,441 | 756,008 | 685,197 | 822,027 | 716,355 | 725,287 |
| 27 | Printed Matter | 4,786 | 6,019 | 9,493 | 168 | 504 | 107 |
| 28 | Chemical and Allied Products | 2,720,422 | 3,209,320 | 3,362,749 | 3,970,515 | 3,314,087 | 3,295,270 |
| 29 | Petroleum and Coal Products | 520,527 | 462,522 | 440,687 | 366,529 | 187,675 | 206,106 |
| 30 | Rubber and Miscellaneous | 42,308 | 68,369 | 47,288 | 49,435 | 20,736 | 15,613 |
| 31 | Leather and Leather Products | 582 | 2,528 | 196 | 65 | — | — |
| 32 | Stone, Clay, Glass Products | 1,774,557 | 840,991 | 633,174 | 415,057 | 263,722 | 335,546 |
| 33 | Primary Metal Products | 666,911 | 700,010 | 484,711 | 713,056 | 549,684 | 626,355 |
| 34 | Fabricated Metal Products | 185,250 | 161,217 | 117,788 | 34,084 | 30,755 | 22,817 |
| 35 | Machinery Except Electrical | 92,382 | 67,346 | 57,804 | 21,328 | 17,949 | 12,643 |
| 36 | Electrical Machinery | 35,881 | 49,500 | 27,671 | 24,173 | 12,483 | 13,073 |
| 37 | Transportation Machinery | 175,062 | 186,929 | 252,591 | 269,643 | 162,410 | 183,235 |
| 38 | Instruments, Optical Products | 420 | 867 | 509 | 143 | 20 | — |
| 39 | Miscellaneous Manufacturing Products | 1,722 | 2,474 | 1,382 | 960 | 5,415 | 697 |
| 40 | Wasted Scrap Materials | 320,549 | 367,445 | 313,510 | 571,202 | 482,351 | 570,358 |
| 41 | Miscellaneous Freight Shipments | 10,166 | 7,530 | 4,102 | 2,438 | 3,687 | 10,590 |
| 42 | Container, Returned Empty | 6,175 | 6,087 | 8,019 | 8,304 | 8,839 | 9,926 |
| 44 | Freight Forwarder Traffic | 8,365 | 12,325 | 2,628 | 3,651 | 1,159 | 3,663 |
| 45 | Shipper Associate of Similar Traffic | 17,119 | 4,588 | 13,653 | 16,788 | 14,919 | 10,795 |
| 46 | Miscellaneous Mixed Shipments | 54,993 | 103,996 | 115,415 | 109,796 | 73,988 | 53,566 |
| | Grand Total Carload | 22,176,438 | 22,140,697 | 20,753,662 | 24,744,310 | 20,978,064 | 21,930,463 |
| 47 | Small Packaged Freight Shipments | 7,705 | 6,231 | 5,232 | 2,131 | 1,099 | 1,388 |
| | Carload and LCL Traffic | 22,184,143 | 22,146,928 | 20,758,894 | 24,746,441 | 20,979,163 | 21,931,851 |

[1]Rock Island data based on 1978. 1979 data not available from the Rock Island.

Source: Iowa Department of Transportation, Advance Planning Division.

# average daily traffic at permanent continuous automatic traffic recorders in Iowa

## (based on 106 automatic traffic count stations)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980[1] | 305,116 | 314,907 | 331,774 | 357,078 | 376,912 | 395,354 | 399,170 | 414,204 | 378,773 | 373,682 | 360,186 | 338,3 |
| 1981[1] | 310,932 | 308,912 | 333,641 | 359,299 | 382,462 | 401,812 | 408,246 | 411,066 | 385,338 | 368,143 | 353,045 | 333,8 |
| 1982 | 264,657 | 315,802 | 343,739 | 366,468 | 385,563 | 403,959 | 409,837 | 414,606 | 382,033 | 372,835 | N/A | N/A |

[1]Based on 91 automatic traffic control stations.
N/A = Not available.
Source: Iowa Department of Transportation, Planning & Research Division.

# registered aircraft in Iowa

| | 1960 | 1970 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of registered aircraft in Iowa | 1,654 | 2,565 | 2,789 | 2,984 | 2,907 | 2,940 | 2,970 | 3,000 | 3,417 | 3,335 |

Source: Iowa Department of Transportation, Aeronautics Division.

# class 1 railroads[1], Iowa

| | 1960 | 1965 | 1970 | 1975 | 1980[2] | 1981[2] | 1982[2] |
|---|---|---|---|---|---|---|---|
| Miles of road operated within the state | 8,301 | 8,154 | 7,963 | 7,457 | 4,650 | 5,052 | 5,1 |
| Tons of revenue freight carried within the state | 89,663,657 | 101,803,715 | 93,916,708* | 112,680,340 | 137,294,000 | 130,971,226 | N/ |

[1]Class 1 railroads are those having revenues of $50 million and over per year. [2]Data from Rock Island not available.
Source: Iowa Department of Transportation, Advance Planning Section.

# class 1 passenger motor carriers[1], Iowa

| | 1960 | 1965 | 1970 | 1975 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|
| Passenger motor bus miles in Iowa | 8,715,633 | 9,550,434 | 11,015,445 | 10,549,970 | 8,769,514 | 11,446,453 | 11,462,23 |
| Total revenue passengers carried in Iowa | 1,457,524 | 1,211,394 | 1,267,331 | 1,388,463 | 1,191,664 | 1,357,773 | 1,321,05 |

[1]Passenger motor carriers with revenues exceeding $500,000.
Source: Iowa Department of Transportation, Transportation Regulation Authority.

# unofficial navigation tonnage

| | 1970 (tons) | 1975 (tons) | 1977 (tons) | 1978 (tons) | 1979 (tons) | 1980 (tons) | 1981 (tons) |
|---|---|---|---|---|---|---|---|
| Missouri River: | | | | | | | |
| Traffic—Sioux City to Omaha | | | | | | | |
| Grain | 93,112 | 34,146 | 126,558 | 228,384 | 195,516 | 59,316 | 34,883[1] |
| Food & Kindred Products | 113,243 | 119,090 | 205,930 | 141,023 | 156,087 | 148,594 | 134,567[1] |
| Chemicals | 118,198 | 138,149 | 120,545 | 97,058 | 142,080 | 85,679 | 101,020 |
| Other | 48,765 | 64,029 | 61,312 | 50,151 | 48,615 | 56,704 | 52,376 |
| Total | 373,318 | 355,414 | 514,345 | 516,616 | 542,298 | 350,293 | 322,846 |
| Mississippi River: | | | | | | | |
| Traffic—Rock Island District | | | | | | | |
| Grain | 9,022,300 | 12,054,324 | 13,209,885 | 16,757,603 | 21,358,560 | 22,774,160 | 25,724,670 |
| Coal | 6,401,355 | 4,932,500 | 4,584,700 | 4,168,450 | 4,176,600 | 4,176,600 | 3,948,684 |
| Petroleum | 2,708,721 | 2,100,053 | 2,747,044 | 2,519,879 | 2,488,060 | 2,586,760 | 2,651,087 |
| Other | 4,278,094 | 5,418,246 | 5,850,135 | 5,830,900 | 4,589,233 | 4,817,869 | 4,498,496 |
| Total | 22,410,470 | 24,505,123 | 26,391,764 | 29,276,832 | 32,612,453 | 34,355,389 | 36,822,937 |

[1]Grain is reported in food and kindred products, and the 1981 grain figure reflects other agricultural products such as alfalfa pellets.

Source: Iowa Department of Transportation, River Division.

# Iowa road construction, summary of contracts approved

| Fiscal Year | Primary Roads | Interstate Roads | State Parks and Institutional Roads | Farm to Market Roads | Total |
|---|---|---|---|---|---|
| 7-1-63 to 6-30-64 | $ 43,187,627 | $35,842,586 | $ 303,426 | $22,721,379 | $102,055,019 |
| 7-1-64 to 6-30-65 | 25,171,981 | 31,077,640 | 121,606 | 21,730,757 | 78,101,985 |
| 7-1-65 to 6-30-66 | 38,449,469 | 57,713,523 | 868,415 | 23,740,849 | 120,772,257 |
| 7-1-66 to 6-30-67 | 47,508,849 | 52,000,455 | 485,417 | 26,354,687 | 126,349,410 |
| 7-1-67 to 6-30-68 | 33,889,646 | 31,241,967 | 1,088,633 | 25,657,851 | 91,878,099 |
| 7-1-68 to 6-30-69 | 37,199,319 | 43,705,878 | 1,141,888 | 27,332,571 | 109,379,657 |
| 7-1-69 to 6-30-70 | 54,797,875 | 47,081,770 | 629,922 | 26,248,892 | 128,758,461 |
| 7-1-70 to 6-30-71 | 71,516,579 | 44,568,497 | 921,445 | 30,401,417 | 147,407,939 |
| 7-1-71 to 6-30-72 | 77,174,848 | 30,055,936 | 834,473 | 28,922,870 | 136,988,128 |
| 7-1-72 to 6-30-73 | 56,389,721 | 20,572,545 | 727,417 | 29,055,532 | 106,745,216 |
| 7-1-73 to 6-30-74 | 73,580,000 | 51,147,000 | 1,360,000 | 32,310,000 | 158,710,905 |
| 7-1-74 to 6-30-75 | 93,693,469 | 28,921,887 | 839,234 | 38,643,382 | 162,097,972 |
| 7-1-75 to 6-30-76 | 74,349,436 | 24,923,643 | 655,277 | 31,019,921 | 130,948,279 |
| 7-1-76 to 6-30-77 | 99,076,327 | 43,357,379 | 679,271 | 33,989,926 | 177,102,904 |
| 7-1-77 to 6-30-78 | 121,110,115 | 15,007,379 | 805,732 | 45,051,623 | 181,974,849 |
| 7-1-78 to 6-30-79 | 105,277,146 | 54,518,440 | 1,437,092 | 47,287,367 | 208,520,045 |
| 7-1-79 to 6-30-80 | 75,539,584 | 20,875,799 | 1,873,688 | 49,772,220 | 148,061,291 |
| 7-1-80 to 6-30-81 | 74,174,384 | 33,638,590 | 2,011,011 | 64,563,285 | 174,387,270 |
| 7-1-81 to 6-30-82 | 73,162,427 | 51,858,856 | 968,299 | 48,909,611 | 190,646,008 |

Source: Iowa Department of Transportation, Contracts.

# traffic fatalities midwest states

| State | Traffic Deaths 1979 | Traffic Deaths 1980 | Traffic Deaths per 100,000,000 vehicle miles 1979 | Traffic Deaths per 100,000,000 vehicle miles 1980 |
|---|---|---|---|---|
| U.S. | 51,900 | 52,600 | 3.4 | 3.5 |
| Iowa | 654 | 626 | 3.1 | 3.3 |
| Illinois | 2,048 | 1,994 | 3.1 | 3.1 |
| Kansas | 520 | 595 | 3.4 | 3.5 |
| Minnesota | 881 | 863 | 3.0 | 3.1 |
| Missouri | 1,162 | 1,191 | 3.4 | 3.5 |
| Nebraska | 330 | 396 | 2.7 | 3.5 |
| S. Dakota | 211 | 228 | 3.8 | 4.1 |
| Wisconsin | 997 | 985 | 3.0 | 3.0 |

Source: National Safety Council, Accident Facts.

# motor vehicle registrations, Iowa

| | 1960 | 1965 | 1970 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|---|---|---|---|
| Autos | 1,074,094 | 1,241,090 | 1,387,368 | 1,497,497 | 1,528,511 | 1,584,953 | 1,617,707 | 1,531,190 | 1,703,725 |
| Trucks | 240,791 | 293,473 | 374,080 | 468,015 | 498,049 | 501,294 | 560,610 | 527,287 | 593,385 |
| Truck Tractors | 7,372 | 6,731 | 7,406 | 12,631 | 12,651 | 20,026 | 12,335 | 6,505 | 10,901 |
| Motorcycles | 11,068 | 25,778 | 60,835 | 138,021 | 148,669 | 151,131 | 159,503 | 160,136 | 203,600 |
| Semi-Trailers | 126,051[1] | 7,817 | 9,341 | 14,589 | 16,364 | 38,170 | 18,661 | 20,185 | 28,936 |
| Regular Trailers | — | 89,125 | 113,242 | 145,838 | 159,505 | 169,580 | 180,270 | 171,751 | 224,944 |
| Travel Trailers | — | 16,834 | 39,013 | 56,426 | 60,505 | 64,909 | 68,172 | 64,977 | 70,066 |
| Mobile Homes | — | 34,619 | 48,720 | 73,475 | 76,095 | 78,620 | 81,326 | 49,934 | 80,171 |
| Total Registrations | 1,459,376 | 1,747,150 | 2,075,805 | 2,393,542 | 2,506,722 | 2,608,683 | 2,698,584 | 2,531,965 | 2,915,728 |
| Official Registrations | | | | 47,238 | 39,800 | 41,097 | NA | NA | NA |
| Total | | | | 2,454,764 | 2,546,522 | 2,649,780 | 2,698,584 | 2,531,965 | 2,915,728 |

[1]Figure for total trailers.
Source: Iowa Department of Transportation, Motor Vehicle Registration Reports for 1960, 1965, 1970, 1974-79.

# motor vehicle registration, 1981

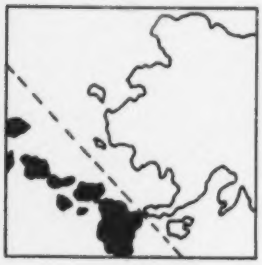
| County | License Number Prefix | Total Registrations[1] |
|---|---|---|
| Adair | 1 | 11,332 |
| Adams | 2 | 7,043 |
| Allamakee | 3 | 16,393 |
| Appanoose | 4 | 16,228 |
| Audubon | 5 | 9,351 |
| Benton | 6 | 26,177 |
| Black Hawk | 7 | 140,893 |
| Boone | 8 | 29,674 |
| Bremer | 9 | 26,193 |
| Buchanan | 10 | 23,769 |
| Buena Vista | 11 | 23,567 |
| Butler | 12 | 20,308 |
| Calhoun | 13 | 15,269 |
| Carroll | 14 | 23,713 |
| Cass | 15 | 20,082 |
| Cedar | 16 | 21,373 |
| Cerro Gordo | 17 | 50,500 |
| Cherokee | 18 | 18,588 |
| Chickasaw | 19 | 16,740 |
| Clarke | 20 | 9,526 |
| Clay | 21 | 21,831 |
| Clayton | 22 | 22,178 |
| Clinton | 23 | 55,477 |
| Crawford | 24 | 20,283 |
| Dallas | 25 | 33,599 |
| Davis | 26 | 9,151 |
| Decatur | 27 | 9,865 |
| Delaware | 28 | 19,169 |
| Des Moines | 29 | 48,085 |
| Dickinson | 30 | 19,142 |
| Dubuque | 31 | 76,746 |
| Emmet | 32 | 15,397 |
| Fayette | 33 | 26,271 |
| Floyd | 34 | 21,340 |
| Franklin | 35 | 15,599 |
| Fremont | 36 | 10,752 |
| Greene | 37 | 14,861 |
| Grundy | 38 | 16,617 |
| Guthrie | 39 | 14,018 |
| Hamilton | 40 | 21,015 |
| Hancock | 41 | 15,576 |
| Hardin | 42 | 24,730 |
| Harrison | 43 | 17,740 |
| Henry | 44 | 20,554 |
| Howard | 45 | 12,092 |
| Humboldt | 46 | 14,802 |
| Ida | 47 | 10,370 |
| Iowa | 48 | 17,521 |
| Jackson | 49 | 22,717 |
| Jasper | 50 | 39,967 |
| Jefferson | 51 | 16,487 |
| Johnson | 52 | 67,135 |
| Jones | 53 | 20,955 |
| Keokuk | 54 | 14,655 |
| Kossuth | 55 | 25,435 |
| Lee | 56 | 42,955 |
| Linn | 57 | 164,557 |
| Louisa | 58 | 13,948 |
| Lucas | 59 | 11,658 |
| Lyon | 60 | 13,990 |
| Madison | 61 | 14,736 |
| Mahaska | 62 | 24,769 |
| Marion | 63 | 30,519 |
| Marshall | 64 | 44,788 |
| Mills | 65 | 13,320 |
| Mitchell | 66 | 13,532 |
| Monona | 67 | 13,736 |
| Monroe | 68 | 10,236 |
| Montgomery | 69 | 14,735 |
| Muscatine | 70 | 42,637 |
| O'Brien | 71 | 18,677 |
| Osceola | 72 | 9,480 |
| Page | 73 | 18,919 |
| Palo Alto | 74 | 13,943 |
| Plymouth | 75 | 25,269 |
| Pocahontas | 76 | 13,498 |
| Polk | 77 | 283,579 |
| Pottawattamie | 78 | 81,382 |
| Poweshiek | 79 | 21,173 |
| Ringgold | 80 | 7,472 |
| Sac | 81 | 16,332 |
| Scott | 82 | 146,695 |
| Shelby | 83 | 16,633 |
| Sioux | 84 | 30,466 |
| Story | 85 | 59,410 |
| Tama | 86 | 21,770 |
| Taylor | 87 | 9,436 |
| Union | 88 | 14,954 |
| Van Buren | 89 | 9,505 |
| Wapello | 90 | 39,683 |
| Warren | 91 | 36,757 |
| Washington | 92 | 22,028 |
| Wayne | 93 | 9,540 |
| Webster | 94 | 47,626 |
| Winnebago | 95 | 14,735 |
| Winneshiek | 96 | 21,505 |
| Woodbury | 97 | 108,614 |
| Worth | 98 | 10,246 |
| Wright | 99 | 10,189 |
| County Total | | 2,976,583 |

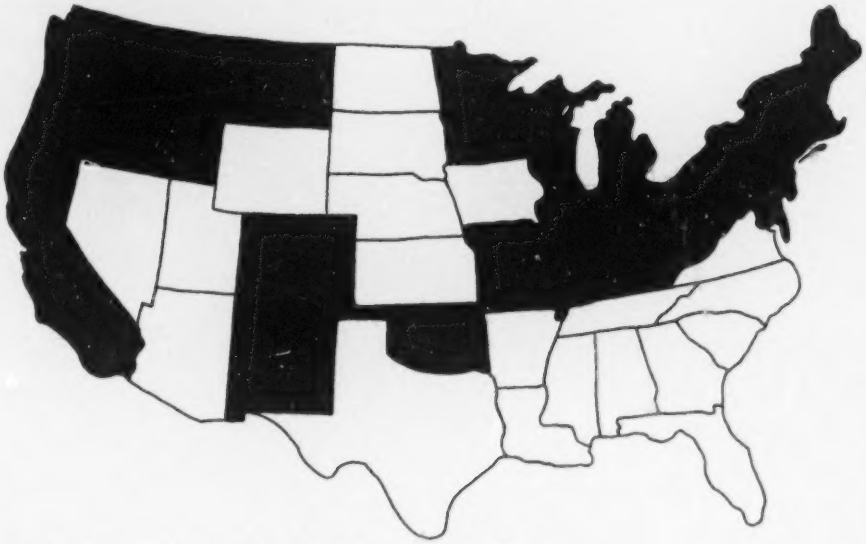
[1]Does not include non-resident registrations.
Source: Iowa Department of Transportation, Motor Vehicle Registration Division.

# right to work protected by Iowa law

Iowa law insures that no worker can be deprived of getting or keeping a job because the worker belongs or does not belong, to any kind of organization—association, labor union, club, professional group, whatever.

Traditionally, support for this law has transcended philosophical differences between political parties and among Iowa legislators. It is unlikely to be changed.





**STATES WHICH BAN FORCED UNIONISM ARE SHOWN IN WHITE**

*All of the plains states except one were below the national average in estimated time lost due to work stoppages.*

# Iowa scores well in labor-management harmony

| | Union Membership (000's) | | | Work Stoppages 1979 | | |
|---|---|---|---|---|---|---|
| | 1970 | 1976 | 1978 | Number | Workers Involved (000's) | Days (Idle (000's) |
| Iowa | 186 | 192 | 212 | 60 | 46 | 747 |
| Minnesota | 378 | 385 | 411 | 112 | 28 | 573 |
| Kansas | 112 | 125 | 117 | 23 | 11 | 107 |
| Illinois | 1,548 | 1,451 | 1,497 | 394 | 222 | 4,233 |
| Nebraska | 86 | 87 | 92 | 14 | 13 | 79 |
| Missouri | 594 | 572 | 578 | 123 | 37 | 988 |
| Wisconsin | 482 | 506 | 522 | 84 | 26 | 977 |
| South Dakota | 21 | 21 | 24 | 11 | 2 | 53 |
| Indiana | 657 | 621 | 643 | 193 | 59 | 1,547 |
| Ohio | 1,413 | 1,289 | 1,294 | 508 | 170 | 3,573 |
| All States | 19,757 | 19,874 | 20,459 | 4,827 | 1,727 | 34,754 |

Source: U.S. Department of Commerce, Bureau of the Census, Statistical Abstract of the United States, 1981.

# Iowa unemployment consistently below national average...

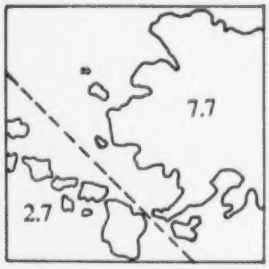
| Year | IOWA Total Labor Force (000) | IOWA Total Employment[1] (000) | IOWA Number Unemployed (000) | IOWA Unemployment Rate (%) | U.S. Unemployment Rate (%) |
|---|---|---|---|---|---|
| 1950 | 1095.7 | 1063.2 | 32.5 | 3.0 | 5.3 |
| 1951 | 1100.0 | 1075.7 | 24.3 | 2.2 | 3.3 |
| 1952 | 1084.0 | 1057.3 | 27.5 | 2.5 | 3.1 |
| 1953 | 1071.7 | 1043.7 | 28.0 | 2.6 | 2.9 |
| 1954 | 1066.0 | 1028.5 | 37.5 | 3.5 | 5.6 |
| 1955 | 1072.6 | 1042.5 | 30.1 | 2.8 | 4.4 |
| 1957 | 1079.7 | 1047.7 | 32.0 | 3.0 | 4.3 |
| 1958 | 1077.0 | 1039.5 | 37.5 | 3.5 | 6.8 |
| 1959 | 1102.1 | 1071.5 | 30.5 | 2.8 | 5.5 |
| 1960 | 1104.1 | 1069.1 | 35.0 | 3.2 | 5.5 |
| 1961 | 1104.2 | 1061.0 | 43.3 | 3.9 | 6.7 |
| 1962 | 1087.8 | 1051.0 | 36.8 | 3.4 | 5.5 |
| 1963 | 1082.9 | 1049.7 | 33.1 | 3.1 | 5.7 |
| 1964 | 1095.4 | 1065.7 | 29.7 | 2.7 | 5.2 |
| 1965 | 1118.5 | 1091.4 | 27.1 | 2.4 | 4.5 |
| 1966 | 1152.0 | 1127.6 | 24.3 | 2.1 | 3.8 |
| 1967 | 1167.4 | 1138.7 | 28.7 | 2.5 | 3.9 |
| 1968 | 1177.3 | 1147.6 | 29.6 | 2.5 | 3.6 |
| 1969 | 1194.1 | 1160.7 | 33.4 | 2.8 | 3.5 |
| 1970[2] | 1195.5 | 1155.7 | 39.8 | 3.3 | 4.9 |
| 1971 | 1208.5 | 1167.3 | 41.3 | 3.4 | 5.9 |
| 1972 | 1250.3 | 1218.0 | 32.3 | 2.6 | 5.6 |
| 1973 | 1284.3 | 1257.8 | 26.5 | 2.1 | 4.9 |
| 1974 | 1303.5 | 1275.2 | 28.2 | 2.2 | 5.6 |
| 1975 | 1315.4 | 1259.6 | 55.8 | 4.2 | 8.5 |
| 1976 | 1335.0 | 1282.0 | 53.0 | 4.0 | 7.7 |
| 1977 | 1385.0 | 1329.0 | 56.0 | 4.0 | 7.0 |
| 1978 | 1419.0 | 1362.0 | 57.0 | 4.0 | 6.0 |
| 1979 | 1432.0 | 1373.0 | 59.0 | 4.1 | 5.7 |
| 1980 | 1431.0 | 1344.0 | 82.0 | 5.8 | 7.1 |
| 1981 | 1418.0 | 1322.0 | 98.0 | 6.9 | 7.6 |

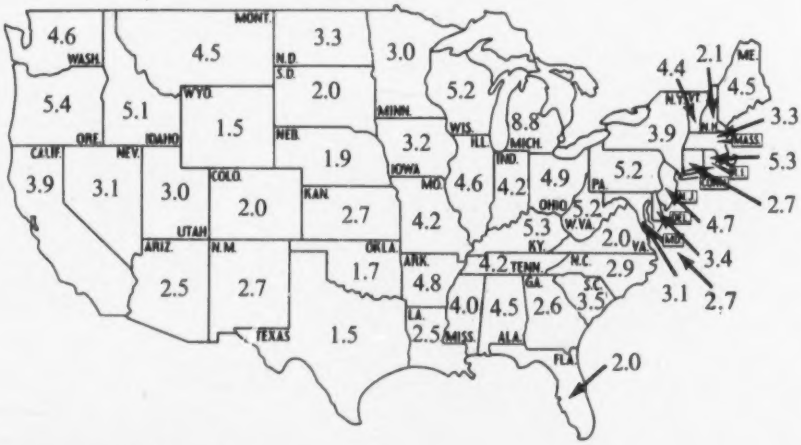
[1]Data from 1970 through 1980 has been revised to a "place of residence" concept.
[2]Data from 1970 through 1981 has been adjusted to current population survey.
Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, June, 1982.

# ...so unemployment insurance is used less

National Average.....3.7

Map shows employer contribution rates 1980




Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1981.

# individual Iowans outproduce their neighbors

| Midwest States | Value Added (000,000) | Number of Production Workers (000) | Value Added Per Production Worker | Value Added Per Production Man-Hour | Value Added Per Dollar Paid in Production Wages |
|---|---|---|---|---|---|
| | Manufacturing — 1978 | | | | |
| Iowa | $ 9,846.1 | 175.6 | $56,071 | $29.08 | $4.05 |
| Minnesota | 10,908.1 | 228.2 | 47,800 | 24.89 | 3.91 |
| South Dakota | 726.1 | 17.7 | 41,022 | 20.68 | 3.57 |
| Nebraska | 3,249.7 | 66.9 | 48,575 | 24.45 | 4.13 |
| Kansas | 6,153.9 | 132.3 | 46,514 | 23.01 | 3.76 |
| Missouri | 15,031.3 | 308.2 | 48,771 | 25.46 | 3.97 |
| Illinois | 44,854.4 | 870.0 | 51,556 | 26.31 | 3.77 |
| Wisconsin | 18,813.9 | 399.2 | 47,129 | 24.12 | 3.49 |
| Indiana | 25,699.9 | 541.7 | 47,433 | 24.28 | 3.24 |
| Ohio | 47,641.4 | 937.9 | 50,796 | 25.49 | 3.34 |
| United States | 657,245.8 | 14,231.0 | 46,184 | 23.74 | 3.72 |

Source: 1978 Census of Manufactures, U.S. Department of Commerce, Bureau of the Census.

# look at Iowa's favorable employment climate

| | Year | United States | Iowa | Minnesota | South Dakota | Nebraska | Kansas | Missouri | Illinois | Wisconsin | Indiana | Ohio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual average nonagricultural[1] employment (000) | [redacted] | | | | | | | | | | | |
| Annual average manufacturing[1] employment (000) | 1979 | 21,062.0 | 259.8 | 382.0 | 27.5 | 99.6 | 198.9 | 464.4 | 1,271.6 | 591.3 | 733.2 | 1,382.3 |
| | 1980 | 20,361.0 | 243.5 | 372.5 | 26.0 | 96.1 | 189.5 | 435.9 | 1,222.3 | 560.2 | 658.0 | 1,267.5 |
| | 1981 | 20,174.0 | 235.9 | 362.3 | 25.8 | 95.0 | 187.9 | 427.3 | 1,134.9 | 543.1 | 656.9 | 1,232.5 |
| Average weekly manufacturing[1] earnings (Dollars) | [redacted] | | | | | | | | | | | |
| Average weekly manufacturing[1] hours | 1979 | 40.2 | 40.5 | 40.0 | 41.9 | 41.3 | 40.7 | 39.5 | 40.7 | 40.9 | 40.5 | 41.5 |
| | 1980 | 39.7 | 39.6 | 39.4 | 41.0 | 40.5 | 40.3 | 39.2 | 39.8 | 40.2 | 39.8 | 40.6 |
| | 1981 | 39.8 | 39.5 | 39.4 | 41.6 | 40.4 | 40.4 | 40.3 | 40.0 | 40.1 | 40.1 | 40.9 |
| Average hourly manufacturing[1] earnings, incl. overtime (Dollars) | [redacted] | | | | | | | | | | | |
| Labor union membership[2] Nonagricultural employment (%) | 1978 | 23.6 | 19.2 | 24.4 | 10.3 | 15.3 | 12.8 | 30.0 | 31.5 | 27.8 | 29.3 | 29.5 |
| Unemployment (%)[1] | [redacted] | | | | | | | | | | | |

Source: [1]Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May, June, 1982.
[2]U.S. Bureau of Labor Statistics, Directory of National Unions and Employee Associations, 1977, and 1979. Statistical Abstract of the United States, 1980.

# nonagricultural employment shows Iowa's versatility *(figures in 000's)*

| Industry | 1960 Annual Average | 1965 Annual Average | 1970 Annual Average | 1975 Annual Average | 1978 Annual Average | 1979 Annual Average | 1980 Annual Average | 1981 Annual Average |
|---|---|---|---|---|---|---|---|---|
| Total Nonagricultural | 681.0 | 754.6 | 882.8 | 993.1 | 1104.5 | 1128.3 | 1101.4 | 1053.1 |
| Manufacturing | 176.6 | 192.4 | 215.5 | 229.6 | 249.8 | 258.0 | 243.5 | 215.6 |
| Durable goods | 94.1 | 107.8 | 122.8 | 140.2 | 155.5 | 162.1 | 149.1 | 127.7 |
| Lumber and furniture | 7.5 | 6.5 | 8.2 | 8.2 | 9.8 | 10.0 | 8.5 | 7.8 |
| Stone, clay and glass | 6.8 | 6.5 | 6.7 | 6.2 | 7.3 | 7.4 | 6.4 | 4.6 |
| Primary metal industries | 6.4 | 8.0 | 8.5 | 7.6 | 8.8 | 9.1 | 8.5 | 8.0 |
| Fabricated metal products | 9.6 | 11.0 | 13.1 | 16.1 | 20.4 | 19.7 | 19.4 | 17.3 |
| Machinery (except electrical) | 33.6 | 41.3 | 44.6 | 58.9 | 63.6 | 68.9 | 63.9 | 52.9 |
| Farm machinery | 21.5 | 26.2 | 24.0 | 27.6 | 26.3 | 29.2 | 26.6 | 22.1 |
| Construction and related machinery | 5.0 | 6.1 | 9.0 | 18.5 | 22.0 | 23.4 | 22.0 | 15.5 |
| Electrical equipment and supplies | 19.4 | 22.7 | 23.7 | 24.5 | 25.1 | 25.6 | 25.1 | 21.2 |
| Transportation equipment | 2.2 | 2.7 | 5.6 | 7.9 | 10.2 | 10.6 | 7.4 | 7.1 |
| Other durable goods[1] | 8.6 | 9.1 | 12.4 | 10.9 | 10.3 | 10.6 | 9.9 | 8.8 |
| Nondurable goods | 82.5 | 84.6 | 92.7 | 89.3 | 94.3 | 95.9 | 94.5 | 88.0 |
| Food and kindred products | 53.4 | 51.5 | 54.4 | 48.3 | 47.3 | 48.2 | 48.9 | 44.5 |
| Meat products | 27.3 | 25.6 | 28.2 | 24.2 | 24.2 | 24.1 | 24.9 | 21.6 |
| Grain mill products | 8.8 | 9.4 | 10.9 | 11.0 | 10.7 | 10.8 | 11.2 | 10.9 |
| Bakery products | NA | 3.8 | 3.3 | 3.0 | 2.5 | 2.6 | 2.6 | 2.0 |
| Apparel | 3.8 | 3.9 | 4.0 | 3.9 | 4.4 | 4.2 | 4.1 | 4.0 |
| Printing and publishing | 11.9 | 12.3 | 13.6 | 14.8 | 17.2 | 17.7 | 17.9 | 17.1 |
| Newspapers | 6.0 | 6.2 | 6.6 | 6.5 | 7.3 | 7.5 | 7.5 | 7.0 |
| Chemicals and allied products | 5.1 | 6.1 | 7.5 | 7.2 | 7.9 | 8.0 | 7.8 | 7.1 |
| Other nondurable goods[2] | 1.2 | 1.3 | 1.8 | 1.9 | 2.3 | 2.2 | 2.0 | 2.0 |
| Paper and allied products | 2.2 | 2.9 | 3.6 | 3.5 | 4.1 | 4.0 | 4.0 | 3.9 |
| Rubber and plastic products | 4.8 | 6.6 | 7.8 | 9.9 | 11.0 | 11.5 | 9.8 | 9.4 |
| Nonmanufacturing | 504.4 | 562.2 | 667.3 | 763.5 | 854.7 | 870.3 | 857.9 | 837.4 |
| Mining | 3.3 | 3.3 | 3.0 | 2.8 | 2.3 | 2.5 | 2.3 | 1.6 |
| Contract construction | 36.6 | 37.4 | 40.6 | 46.5 | 57.6 | 58.2 | 47.4 | 37.0 |
| Transportation and public utilities | 53.6 | 49.6 | 51.1 | 54.7 | 55.8 | 58.3 | 55.5 | 51.4 |
| Railroad transportation | 15.7 | 12.5 | 10.1 | 9.0 | 8.4 | 8.7 | 7.7 | 6.6 |
| Communication | 12.9 | 11.5 | 12.5 | 13.4 | 13.7 | 14.3 | 14.4 | 13.7 |
| Electric, gas and sanitary service | 9.7 | 9.0 | 9.7 | 10.9 | 10.2 | 10.4 | 10.5 | 10.4 |
| Wholesale and retail trade | 169.8 | 185.6 | 209.2 | 245.0 | 281.6 | 286.2 | 280.4 | 265.6 |
| Wholesale trade | 42.4 | 43.8 | 44.1 | 50.4 | 72.5 | 75.3 | 76.6 | 73.2 |
| Retail trade | 127.5 | 141.8 | 165.2 | 194.5 | 209.1 | 210.8 | 203.8 | 192.4 |
| Retail general merchandise | 20.1 | 22.4 | 25.6 | 28.6 | 29.0 | 28.4 | 27.2 | 25.0 |
| Finance, insurance and real estate | 31.6 | 35.8 | 41.0 | 47.2 | 55.2 | 57.0 | 57.7 | 59.2 |
| Banking | 9.4 | 11.0 | 13.2 | 15.7 | 17.2 | 17.8 | 18.0 | 18.1 |
| Insurance carriers, agents, and brokers | 13.5 | 14.9 | 16.6 | 18.8 | 21.7 | 22.6 | 23.3 | 24.5 |
| Service and miscellaneous | 92.6 | 111.9 | 146.7 | 176.5 | 194.7 | 202.8 | 207.7 | 209.7 |
| Medical and other health services | 26.3 | 34.1 | 44.3 | 57.1 | 71.4 | 73.9 | 76.2 | 78.7 |
| Government | 116.9 | 138.5 | 175.7 | 190.8 | 207.6 | 205.5 | 206.9 | 212.9 |

[1]Includes ordnance and accessories, instruments and related products, and miscellaneous manufacturing.
[2]Includes textile mill products, petroleum and coal products, and leather and leather products.
Place of Work Concept: Method by which an employed individual is counted in the area where he works regardless of the area where he lives.
Source: Research and Statistics Division, Job Service of Iowa.

# owa factory workers[a] earn good, not excessive, hourly wages

| Industry | 1965 Average | 1970 Average | 1975 Average | 1977 Average | 1978 Average | 1979 Average | 1980 Average | 1981 Average |
|---|---|---|---|---|---|---|---|---|
| anufacturing | $2.78 | $3.70 | $5.40 | 6.43 | $7.00 | $7.75 | $8.67 | $9.60 |
| urable goods | 2.76 | 3.60 | 5.45 | 6.51 | 7.03 | 7.82 | 8.70 | 9.75 |
| umber and furniture | 2.13 | 2.99 | 4.44 | 5.35 | 5.70 | 6.32 | 6.94 | 7.53 |
| one, clay and glass products | 2.62 | 3.53 | 5.02 | 6.19 | 6.82 | 7.32 | 7.93 | 8.66 |
| imary metal industries | 3.08 | 3.81 | 5.73 | 7.29 | 7.98 | 8.68 | 9.70 | 10.72 |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| achinery, except electrical | 3.14 | 4.05 | 6.36 | 7.85 | 8.38 | 9.22 | 10.36 | [redacted] |
| rm machinery | 3.36 | 4.27 | 6.80 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| nstructed and related machinery | 2.89 | 4.02 | 6.54 | 8.30 | 8.85 | 9.83 | 10.92 | [redacted] |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| ransportation equipment | 2.39 | 3.15 | 4.17 | 4.73 | 5.25 | 5.57 | 6.54 | 7.46 |
| ther durable goods | 2.39 | 3.26 | 4.18 | 4.69 | 5.04 | 5.57 | 6.13 | 6.73 |
| ondurable goods | 2.82 | 3.82 | 5.32 | 6.32 | 6.96 | 7.63 | 8.63 | 9.36 |
| ood and kindred products | 2.90 | 4.04 | 5.75 | 6.95 | 7.70 | 8.44 | 9.55 | 10.19 |
| eat products | 3.30 | 4.59 | 6.43 | 7.67 | 8.53 | 9.28 | 10.75 | 11.33 |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | [redacted] | 2.26 | 2.85 | 3.36 | [redacted] | 4.02 | [redacted] | [redacted] |
| per and allied products | b. | 2.94 | 4.55 | 5.28 | 5.73 | 6.35 | 6.88 | [redacted] |
| nting and publishing | 2.88 | 3.86 | 5.03 | 5.87 | 6.41 | 6.93 | 7.82 | [redacted] |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| hemicals and allied products | 2.88 | 3.72 | 5.44 | 6.46 | 6.97 | 7.66 | 8.46 | 9.40 |
| ubber and plastics products, nec. | b. | 4.17 | 5.37 | 5.22 | 6.89 | 7.63 | 8.58 | 9.46 |
| ther nondurable goods | 2.94 | 2.09 | 2.61 | 3.84 | 4.10 | 4.28 | 4.83 | 5.20 |

Estimates are based upon a sample of full or part-time production and related employees, who worked or received pay in the above industry groups during the week containing the 12th. Average hourly earnings reflect, in addition to changes in basic and incentive wage rates, such variable factors as overtime, late shift work, changes in output of workers paid on an incentive basis, and changing employment of workers, between relatively high-paid and low-paid work, and full-time status. Based on 1967 Standard Industrial Classification.

Included in "other durable goods."

urce: Research and Statistics Division, Job Service of Iowa.

# owa's Metropolitan Workforce

| Area | Labor Force (000) 1979 | 1980 | 1981 | TOTAL Unemployed Rate 1979 | 1980 | 1981 | Non-Agriculture Employment (000) 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| IOWA | 1432.0 | 1,431.0 | 1,418.0 | [redacted] | [redacted] | [redacted] | 1131.7 | 1101.4 | 1,090.1 |
| Cedar Rapids | 88.5 | 89.5 | 87.0 | [redacted] | [redacted] | [redacted] | 87.4 | 85.2 | 81.4 |
| Des Moines | 182.9 | 184.4 | 181.7 | [redacted] | [redacted] | [redacted] | 183.9 | 179.1 | 175.9 |
| Dubuque | 45.6 | 45.6 | 44.7 | [redacted] | [redacted] | [redacted] | 45.0 | 43.6 | 41.8 |
| Sioux City | 55.3 | 53.8 | 54.5 | [redacted] | [redacted] | [redacted] | 50.2 | 48.9 | 49.0 |
| Waterloo—Cedar Falls | 68.9 | 69.4 | 68.3 | [redacted] | [redacted] | [redacted] | 67.2 | 65.8 | 64.6 |

| Area | Employment (000) 1979 | 1980 | 1981 | Manufacturing Average Weekly Hours 1979 | 1980 | 1981 | Average Weekly Earnings 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| IOWA | 259.8 | 243.5 | 235.9 | [redacted] | [redacted] | [redacted] | $313.88 | $343.33 | $379.20 |
| Cedar Rapids | 30.4 | 28.3 | 26.0 | [redacted] | [redacted] | [redacted] | 317.18 | 346.52 | 380.65 |
| Des Moines | 27.1 | 24.7 | 23.4 | [redacted] | [redacted] | [redacted] | 317.58 | 347.49 | 385.61 |
| Dubuque | 16.6 | 15.4 | 14.4 | [redacted] | [redacted] | [redacted] | 365.71 | 396.70 | 421.98 |
| Sioux City | 9.6 | 8.9 | 9.1 | [redacted] | [redacted] | [redacted] | 288.69 | 328.75 | 316.00 |
| Waterloo-Cedar Falls | 23.2 | 22.7 | 22.8 | [redacted] | [redacted] | [redacted] | 420.83 | 453.46 | 495.01 |

Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May and June 1982.

# Iowa has modest turnover *(Annual rate per 100 workers in some typical industries)*

Accessions

| | 1965 | 1967 | 1970 | 1973 | 1977 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| Manufacturing | 4.0 | 4.4 | 3.6 | 4.7 | 3.4 | 3.5 | 3.4 | 2.6 | 2.2 |
| Durable goods | 3.9 | 4.1 | 2.8 | 4.4 | 3.0 | 3.1 | 2.9 | 2.0 | 1.8 |
| Stone, clay and glass | 3.8 | 5.3 | 3.5 | 4.5 | 4.3 | 3.8 | 3.8 | 2.9 | 2.0 |
| Primary metals | 3.7 | 4.0 | 2.6 | 4.9 | 3.6 | 3.5 | 3.1 | 2.4 | 2.0 |
| Fabricated metals | 4.1 | 4.7 | 4.6 | 6.2 | 4.2 | 3.6 | 3.8 | 3.6 | 2.2 |
| Machinery except electrical | 3.8 | 2.7 | 2.5 | 3.3 | 2.3 | 2.4 | 2.5 | 1.6 | 1.5 |
| Electrical equipment | 3.8 | 4.3 | 2.4 | 4.7 | 2.2 | 2.4 | 2.6 | 1.2 | 1.2 |
| Other durable goods | 3.4 | 5.8 | 2.6 | 5.1 | 4.5 | 4.4 | 3.3 | 2.2 | 2.4 |
| Nondurable goods | 4.0 | 4.9 | 4.7 | 5.1 | 3.9 | 4.1 | 4.2 | 3.4 | 3.0 |
| Food and kindred products | 4.2 | 5.0 | 5.8 | 6.1 | 3.9 | 4.4 | 5.0 | 3.8 | 3.2 |
| Meat products | a. | a. | a. | 8.4 | 4.7 | 5.5 | 6.5 | 4.8 | 4.2 |
| Printing and publishing | 3.4 | 3.6 | 2.7 | 3.0 | 3.8 | 3.9 | 3.5 | 2.4 | 1.9 |
| Rubber, plastics and leather | b. | b. | 3.7 | 4.4 | 4.2 | 3.9 | 2.7 | 4.4 | 3.0 |
| Other nondurable goods | 3.9 | 6.2 | 3.9 | 4.3 | 3.6 | 3.6 | 4.0 | 2.9 | 3.4 |

Separations

| | 1965 | 1967 | 1970 | 1973 | 1977 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| Manufacturing | 3.6 | 4.5 | 4.4 | 4.1 | 3.2 | 3.3 | 3.9 | 4.7 | 4.1 |
| Durable goods | 3.1 | 4.2 | 4.0 | 3.6 | 2.8 | 3.0 | 3.3 | 5.2 | 3.8 |
| Stone, clay and glass | 4.7 | 5.0 | 4.2 | 4.2 | 4.6 | 3.9 | 5.4 | 4.4 | 4.7 |
| Primary metals | 3.0 | 4.3 | 3.4 | 4.2 | 2.8 | 3.0 | 3.7 | 3.0 | 3.6 |
| Fabricated metals | 3.1 | 4.6 | 5.2 | 5.5 | 3.4 | 3.9 | 4.4 | 4.6 | 3.3 |
| Machinery except electrical | 2.9 | 3.3 | 3.5 | 2.6 | 2.0 | 2.3 | 2.0 | 6.7 | 3.5 |
| Electrical equipment | 2.4 | 4.5 | 3.9 | 3.5 | 2.2 | 2.5 | 1.9 | 2.7 | 3.1 |
| Other durable goods | 3.0 | 4.3 | 4.5 | 4.2 | 4.2 | 3.9 | 5.9 | 5.2 | 5.4 |
| Nondurable goods | 4.2 | 4.9 | 4.9 | 4.9 | 3.9 | 3.4 | 4.9 | 4.0 | 4.5 |
| Food and kindred products | 4.6 | 5.0 | 5.5 | 6.0 | 4.1 | 4.2 | 5.7 | 3.9 | 4.8 |
| Meat products | a. | a. | a. | 8.2 | 5.2 | 5.2 | 8.2 | 5.0 | 7.2 |
| Printing and publishing | 3.1 | 3.4 | 3.2 | 2.8 | 3.4 | 3.3 | 3.5 | 2.7 | 1.9 |
| Rubber, plastics and leather | b. | b. | 4.5 | 4.3 | 4.0 | 3.6 | 4.1 | 7.5 | 5.0 |
| Other nondurable goods | 4.0 | 5.8 | 4.6 | 4.1 | 3.5 | 3.7 | 4.5 | 3.9 | 6.0 |

a Included in "Food and Kindred Products" prior to 1971.
b Included in "Other Nondurable Goods" prior to 1969.
Source: Job Service of Iowa, Research and Statistics Division.

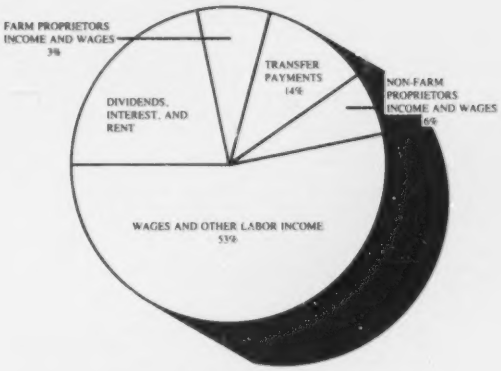
# IOWA

A tradition of excellence

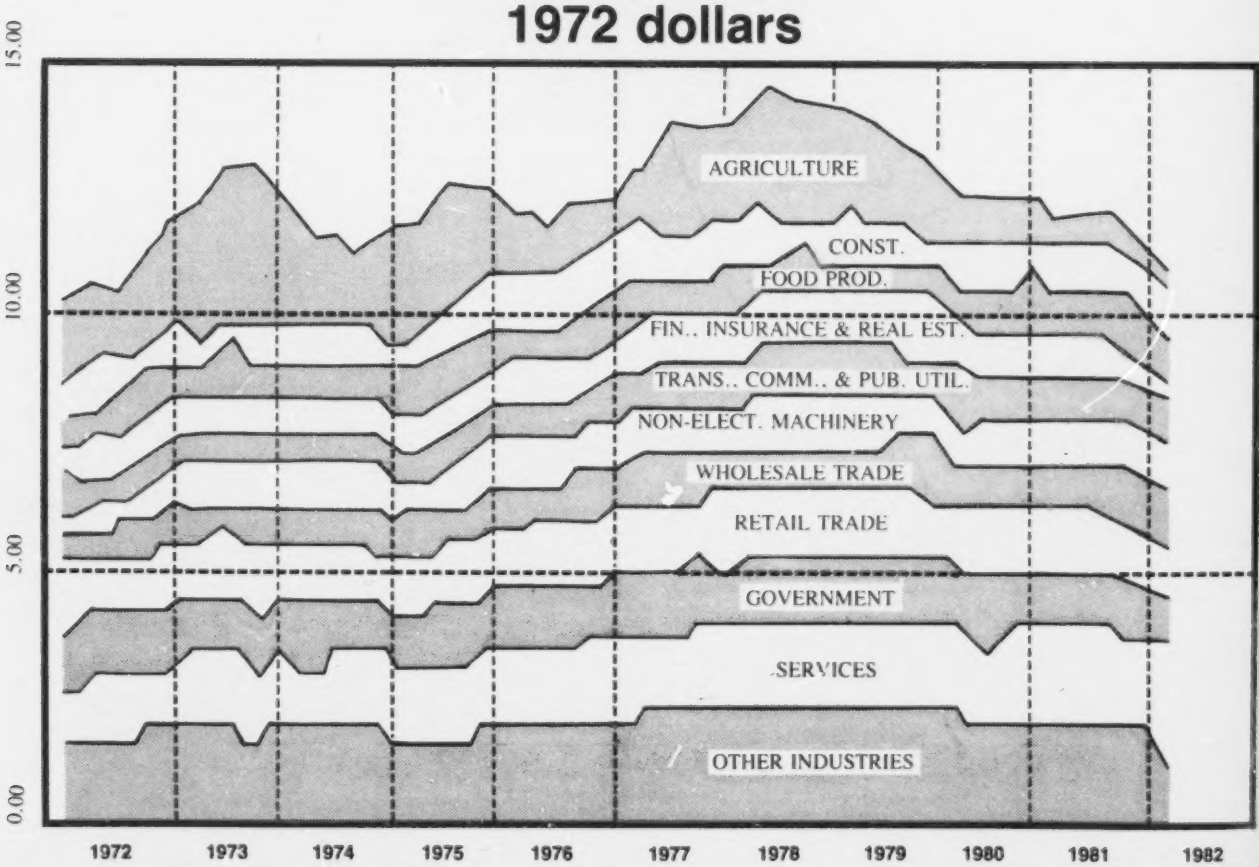
# ECONOMIC INDICATORS

# major components of the Iowa economy

Most people are surprised to see that only 3 percent of Iowa's personal income is derived from farming. In 1949, farming accounted for 39 percent of Iowa's income. Of course, personal income from farming is only the tip of the iceberg. Much book value is associated with farm land value and with grain surpluses in storage. In addition, nearly one-third of Iowa's manufacturing workforce is employed in two farm-related industries — non-electrical machinery manufacturing (which includes farm and construction equipment), and food and kindred products manufacturing.




## Total income earned in Iowa by industry source billions of 1972 dollars




Source: Iowa Office of Planning & Programming, State Economist.

# owa income by industry*
# (billions of dollars)

| | billions of dollars 1980 | 1981 |
|---|---|---|
| **griculture** | .059 | .093 |
| **lanufacturing** | 3.39 | 3.32 |
| **ervices** | 1.63 | 1.62 |
| **inance Insurance and Real Estate** | .060 | .059 |

**griculture**

griculture includes income earned in farming, griculture services, fishing and forestry. Farm plement dealers are included under wholesale ade. The rollercoaster recession in farm income flects the 1980 Russian Grain Embargo, as covery in late 1980 and a decline that follows the tional business cycle.

**lanufacturing**

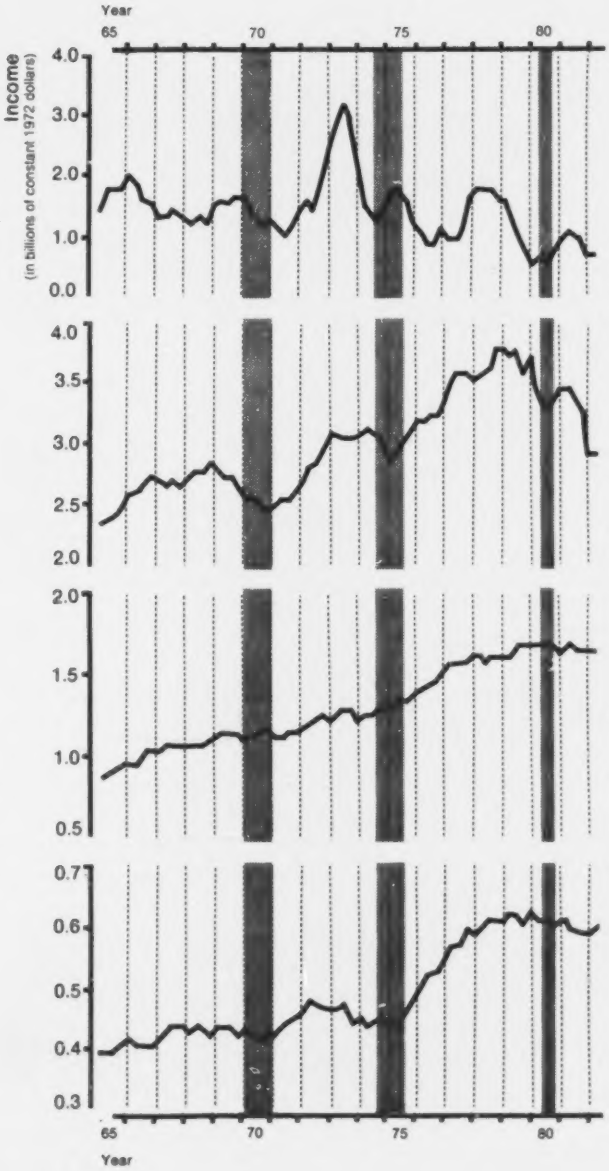
wa's industries include a balance of durable ods and non-durable goods manufacturers. The n-durable goods, dominantly food products, ve had a moderating effect on manufacturing come. The impact of agriculture on Iowa's anufacturing income can be seen in this chart.

**ervices**

his industry group includes tourism and recrea-on, medical care—nursing home services, busi-ess and professional services. Income in this dustry has generally been insulated from the clical movement of the economy. Both employ-ent and income generated by this industry have own lower growth patterns than during the evious two decades.

**inance Insurance and Real Estate**

rom 1975 to 1979 in Iowa this industry experienced 35 percent growth rate in income generated in Iowa. uring that period of high land value growth, the mber of persons employed in Iowa in real estate rms rose by 32 percent and the number of insurance okers increased by 114 percent.



# Iowa income by industry* (billions of dollars) (continued)

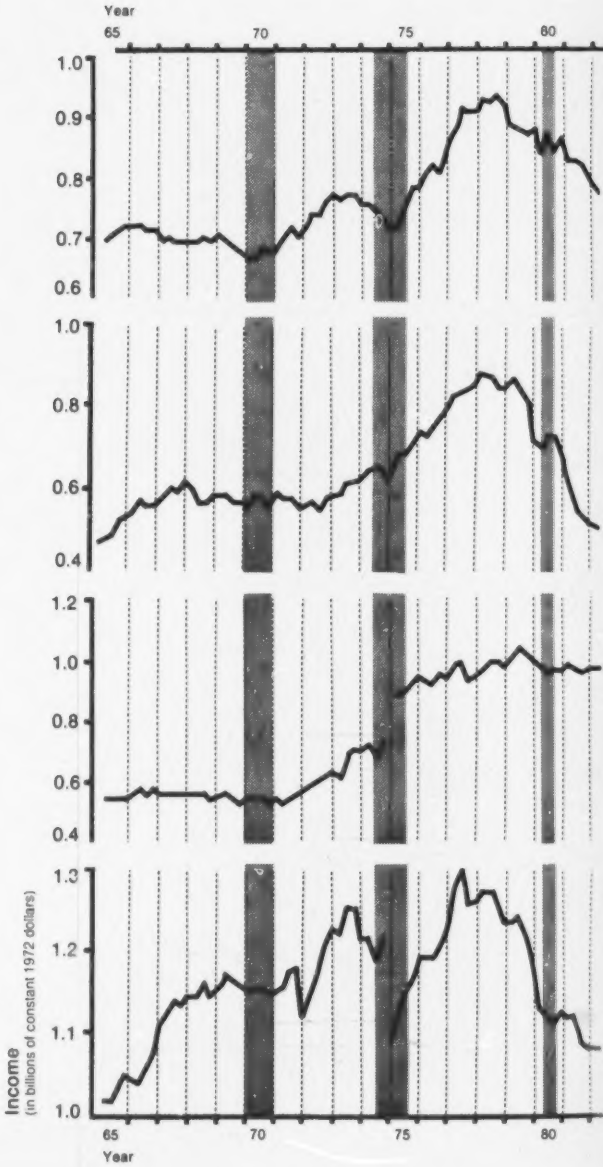
| | billions of dollars 1980 | 1981 |
|---|---|---|
| **Transportation and Public Utilities** | .085 | .083 |
| **Construction** | .074 | .063 |
| **Wholesale Trade** | .094 | .094 |
| **Retail Trade** | 1.13 | 1.11 |

**Transportation and Public Utilities**
The current recession is impacting trucking and warehousing and electric, gas and sanitary services. These two industries account for just over half of the employment in this industry group. Between 1975 and 1980, employment in those two industries fell nearly 6 percent.

**Construction**
From 1979 through October, 1980, construction employment in Iowa fell from an annual average of 58,000 to 39,500 jobs. From 1979 to 1982, total income in this industry in Iowa fell 39 percent.

**Wholesale Trade**
After 1974, this industry was redefined to include farm implement dealers. Prior to 1974 they were included in retail trade. The "jump" in both charts shows this change. Wholesale trade in Iowa has exhibited moderate income growth during the 70's although performance has been stable from 1979 to the present.

**Retail Trade**
Retail trade shows the substantial Iowa impact of the farm recession in Iowa in 1978, the grain embargo in 1980 and the national recession from 1980 to the present.



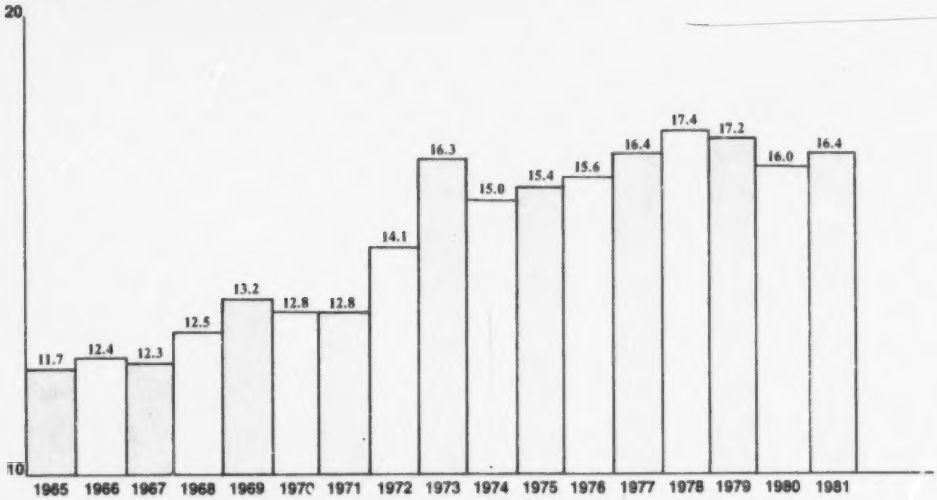

*Footnote: Income includes wages and salaries, other labor income, proprietor's income and corporate profits (not only those distributed as dividends) that originate within a given industry in I
Income is in billions of 1972 dollars, adjusted using the GNP deflator. Quarterly amounts are seasonally adjusted at annual rates.

Source: Iowa Office of Planning & Programming, State Economist.

# Iowa gross state product

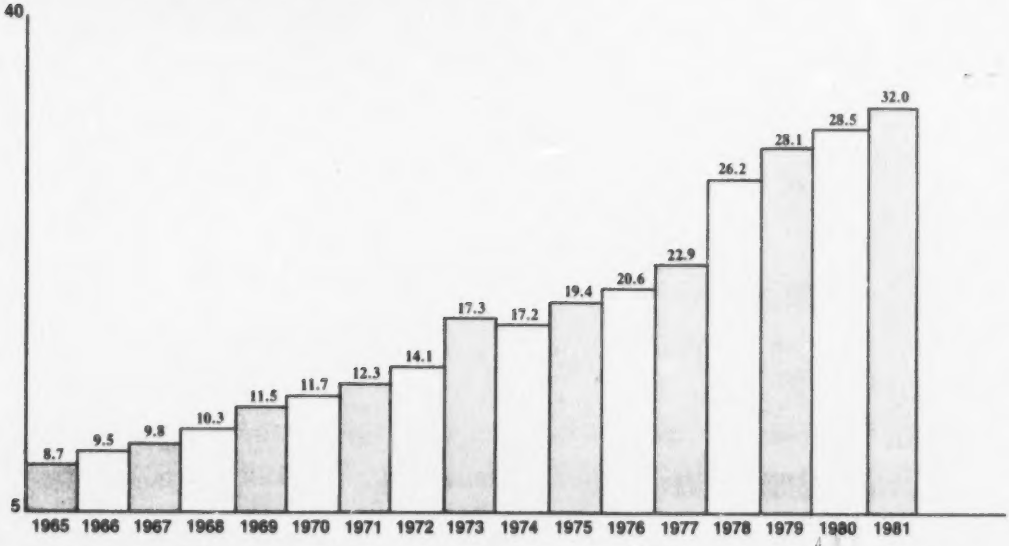
Iowa's Gross State Product is a measure of aggregate economic activity in Iowa. It is computed using a technique similar to that used by the U.S. Commerce Department in estimating Gross National Product. Iowa's current economic recession began with an agricultural recession in mid-1978, resulting from declining net farm income and was intensified by the 1980 Soviet grain embargo.

## gross state product, Iowa (constant 1972 dollars, in billions) (reflects actual growth)




Source: Iowa Office of Planning & Programming, State Economist.

## gross state product, Iowa (current dollars, in billions)




Source: Iowa Office of Planning & Programming, State Economist.

# total Iowa energy consumption, 1974-1981

PRIMARY ENERGY DELIVERIES

| Energy Type | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Motor Gas (million gallons) | 1,658.06 | 1,650.33 | 1,727.89 | 1,750.44 | 1,808.08 | 1,724.30 | 1,529.17 | 1,406.26e |
| Distillate (million gallons) | 737.43 | 776.69 | 852.31 | 856.40 | 879.14 | 878.07 | 660.31 | 580.47e |
| Propane (million gallons) | 465.33 | 488.46 | 693.69 | 661.89 | 567.55 | 511.24 | 367.63 | 295.06e |
| Residual (million gallons) | 26.80 | 17.30 | 25.20 | 17.42 | 13.82 | 9.19 | 4.64 | 2.55e |
| Aviation Fuel (million gallons) | 54.57 | 77.43 | 84.63 | 90.21 | 88.61 | 74.78 | 80.03 | 92.34e |
| Natural Gas (billion cf) | 383.62 | 357.07 | 333.86 | 309.35 | 249.90 | 261.97 | 245.13 | 231.65e |
| Coal and coke, bituminous and lignite (thousand net tons) | 6,589.00 | 6,741.00 | 7,894.00 | 9,039.00 | 10,659.00 | 13,571.00 | 12,568.00 | 11,738.00e |
| Uranium (6.1 kwh) Gross thermal energy | 11.90 | 17.60 | 18.33 | 21.24 | 16.90 | 22.50 | 19.44 | 18.70e |
| Hydroelectric (bil. kwh) | 2.16 | 2.91 | 2.97 | 2.33 | 3.44 | 2.42 | 2.57 | 2.70e |

e = Estimate
Source: Energy: 1981, Annual Report of the Iowa Energy Policy Council.

# Iowa's primary energy use*

PERCENTAGE OF TOTAL BY SOURCE FROM 1972-1981

| Source | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980r | 1981e |
|---|---|---|---|---|---|---|---|---|---|---|
| Nat. Gas | 39.2% | 40.6% | 40.0% | 36.7% | 32.5% | 29.1% | 25.0% | 24.4% | 25.6% | 26.0% |
| Gasoline | 22.8 | 21.8 | 20.9 | 20.6 | 20.7 | 20.8 | 22.1 | 19.7 | 19.6 | 19.3 |
| Distillate | 11.1 | 10.7 | 10.4 | 10.9 | 11.5 | 11.5 | 10.9 | 11.2 | 9.5 | 8.9 |
| LP | 4.4 | 4.2 | 4.6 | 4.8 | 6.2 | 6.2 | 5.3 | 4.4 | 3.6 | 3.1 |
| Aviation & Residual | 1.1 | 1.3 | 1.1 | 1.3 | 1.4 | 1.4 | 1.3 | 1.1 | 1.1 | 1.4 |
| Coal & Coke | 18.4 | 17.1 | 16.5 | 16.7 | 18.1 | 18.1 | 25.7 | 29.7 | 30.9 | 31.0 |
| Nuclear | N/A | 1.8 | 4.1 | 6.0 | 6.8 | 6.8 | 5.3 | 7.0 | 6.8 | 7.0 |
| Hydropower | 2.4 | 2.6 | 2.6 | 3.1 | 2.9 | 2.9 | 3.9 | 2.5 | 2.8 | 3.0 |

r = revised.
e = estimate.
*Compiled from Form EIA-25 (actual deliveries to Iowa) and Iowa Commerce Commission data.

# percent of electric generation by energy source, 19

| | Iowa | U.S. |
|---|---|---|
| Coal | 84.61 | 52.45 |
| Oil | .29 | 8.98 |
| Gas | .95 | 15.07 |
| Nuclear | 9.74 | 11.88 |
| Hydro | 4.33 | 11.36 |
| Other | .08 | .26 |

Source: Edison Electric Institute, Washington, D.C.

# energy use on Iowa farms

AMOUNT AND TYPE OF ENERGY CONSUMED IN 1980 AND 1981 BY IOWA FARMERS

| Energy | Year | Diesel Million Gal. | Gasoline Million Gal. | L.P. Gas Million Gal. | Fuel Oil Million Gal. | Nat. Gas Million Cu. Ft. | Electricity Million Kilowatts | Coal 000 Tons | Wood 000 Cords |
|---|---|---|---|---|---|---|---|---|---|
| TOTAL ENERGY | 1980 | 189.0 | 332.8 | 230.8 | 52.0 | 14.90 | 2805.2 | 11.0 | 155.8 |
| USED | 1981 | 180.0 | 306.0 | 247.0 | 44.0 | 14.80 | 2945.5 | 10.5 | 159.0 |
| % Previous Yr. | | 95 | 92 | 107 | 85 | 99 | 105 | 95 | 102 |
| USAGE: | | | | | | | | | |
| Crop | 1980 | 166.2 | 128.8 | 105.0 | .4 | 1.55 | 387.1 | — | .5 |
| Production | 1981 | 152.8 | 112.3 | 114.6 | .3 | 1.25 | 441.8 | — | .5 |
| Livestock | 1980 | 18.1 | 42.6 | 45.1 | 2.3 | 1.00 | 892.1 | — | 5.1 |
| Production[1] | 1981 | 20.7 | 46.2 | 46.2 | 1.8 | 1.00 | 960.2 | — | 5.6 |
| General | 1980 | 3.2 | 71.9 | 3.2 | .9 | .05 | 216.0 | .2 | 2.3 |
| Farm Use[2] | 1981 | 4.5 | 62.7 | 4.2 | .8 | .05 | 235.6 | .2 | 1.6 |
| Non-Farm | 1980 | 1.5 | 89.5 | 77.5 | 48.4 | 12.30 | 1310.0 | 10.8 | 147.9 |
| Use[3] | 1981 | 2.0 | 84.8 | 82.0 | 41.1 | 12.50 | 1307.9 | 10.3 | 151.3 |
| Total Gen. & | 1980 | 4.7 | 161.4 | 80.7 | 49.3 | 12.35 | 1526.0 | 11.0 | 150.2 |
| Non-Farm Use | 1981 | 6.5 | 147.5 | 86.2 | 41.9 | 12.55 | 1543.5 | 10.5 | 152.9 |

[1]Includes livestock, dairy and poultry production.
[2]Includes energy uses in agriculture production but cannot be identified between crops and livestock uses.
[3]Includes fuel and electricity used in non-agricultural production uses, such as farm home, pleasure, and non-farm business.
Source: Iowa Energy Policy Council; Iowa Crop and Livestock Reporting Service.

# Iowa ranks 25th in industrial electricity prices, 1979

| Rank | State | ¢/kWh | Rank | State | ¢/kWh |
|---|---|---|---|---|---|
| 1 | Rhode Island (2) | 4.68 | 26 | Kansas (24) | 2.90 |
| 2 | Hawaii (4) | 4.55 | 27 | Maine (38) | 2.90 |
| 3 | Massachusetts (1) | 4.51 | 28 | Vermont (19) | 2.87 |
| 4 | New Jersey (3) | 4.21 | 29 | Nevada (31) | 2.86 |
| 5 | Connecticut (5) | 4.12 | 30 | Wisconsin (28) | 2.85 |
| 6 | New Hampshire (8) | 4.02 | 31 | Alabama (34) | 2.84 |
| 7 | New Mexico (21) | 3.93 | 32 | Utah (35) | 2.78 |
| 8 | Delaware (7) | 3.72 | 33 | Tennessee (43) | 2.77 |
| 9 | Michigan (10) | 3.54 | 34 | Texas (37) | 2.73 |
| 10 | California (9) | 3.51 | 35 | South Dakota (32) | 2.65 |
| 11 | Pennsylvania (11) | 3.34 | 36 | Ohio (40) | 2.63 |
| 12 | New York (13) | 3.34 | 37 | North Carolina (30) | 2.63 |
| 13 | Alaska (6) | 3.26 | 38 | Colorado (41) | 2.57 |
| 14 | Florida (18) | 3.24 | 39 | South Carolina (36) | 2.55 |
| 15 | Virginia (17) | 3.22 | 40 | Arkansas (29) | 2.51 |
| 16 | Arizona (15) | 3.22 | 41 | West Virginia (33) | 2.43 |
| 17 | Maryland & D.C. (16) | 3.19 | 42 | Oklahoma (39) | 2.42 |
| 18 | Mississippi (20) | 3.16 | 43 | Kentucky (44) | 2.42 |
| 19 | Indiana (27) | 3.11 | 44 | Nebraska (42) | 2.27 |
| 20 | Illinois (26) | 3.10 | 45 | Louisiana (45) | 2.16 |
| 21 | Missouri (25) | 3.09 | 46 | Wyoming (46) | 1.56 |
| 22 | Minnesota (14) | 3.05 | 47 | Idaho (47) | 1.42 |
| 23 | Georgia (23) | 3.02 | 48 | Oregon (48) | 1.20 |
| 24 | North Dakota (12) | 3.01 | 49 | Montana (49) | 0.80 |
| 25 | IOWA (22) | 3.00 | 50 | Washington (50) | 0.50 |

( ) DENOTES 1977 RANK

U.S. Average: 2.85¢ per kWh

Source: State Electricity Profiles, 3rd Edition, Electronics Consumers Resource Council, Page 205.

# energy use and cost by industry, Iowa

| SIC Code | Industry Group | BTU's (Trillions) | Cost (Million Dollars) |
|---|---|---|---|
| 20 | Food and kindred products | 64.4 | 184.8 |
| 23 | Apparel, other textile products | .2 | 1.0 |
| 24 | Lumber and wood products | .9 | 4.5 |
| 25 | Furniture and fixtures | .5 | 1.9 |
| 26 | Paper and allied products | 3.8 | 12.5 |
| 27 | Printing and publishing | 1.5 | 7.6 |
| 28 | Chemicals, allied products | 30.0 | 77.3 |
| 30 | Rubber, misc. plastics products | 8.4 | 25.5 |
| 32 | Stone, clay, glass products | 22.7 | 53.5 |
| 33 | Primary metal industries | 12.8 | 52.8 |
| 34 | Fabricated metal products | 4.0 | 17.4 |
| 35 | Machinery, except electrical | 18.4 | 72.0 |
| 36 | Electric, electronic equipment | 3.4 | 17.3 |
| 37 | Transportation equipment | 1.2 | 6.1 |
| 38 | Instruments, related products | .3 | 1.4 |
| 39 | Misc. manufacturing indus. | .7 | 3.3 |

Source: ASM—1979 Annual Survey of Manufacturers, Fuels and Electric Energy Consumed, U.S. Dept. of Commerce, Bureau of the Census, February, 1982.

# typical residential electric bills, 1981

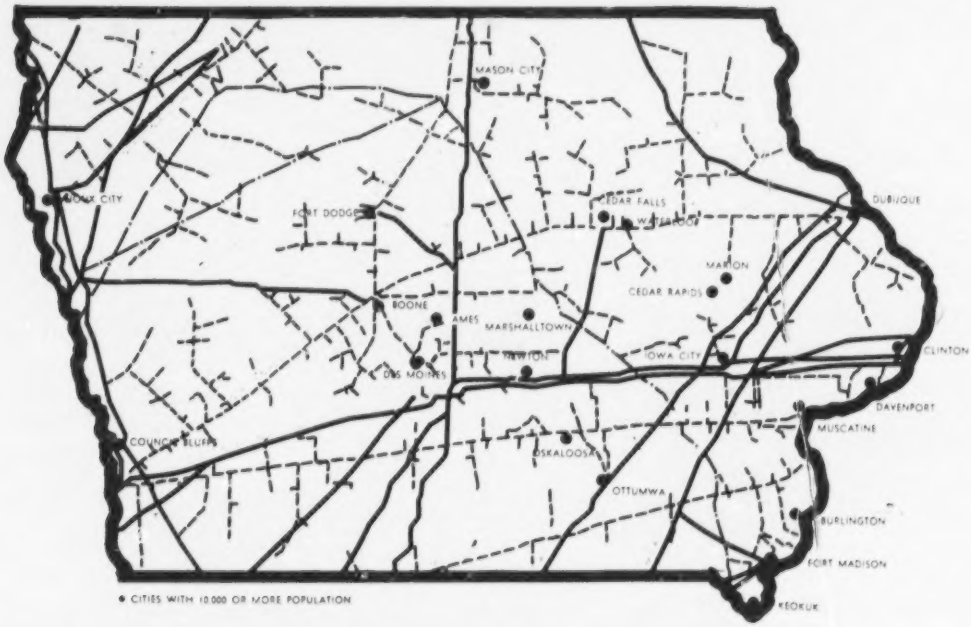
## communities (2,500 in population or larger)

| Iowa | Lighting, Appliances, Refrigeration, Cooking | | Water Heating | | Space Heating |
|---|---|---|---|---|---|
| | 250 kWh | 500 kWh | 750 kWh | 1,000 kWh | 2,500 kWh |
| Adel[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Adel[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.29 |
| Albia | 14.62 | 26.55 | 35.91 | 46.34 | 99.99 |
| Albia | 14.62 | 26.55 | 35.91 | 47.34 | 115.95 |
| † Algona | 17.66 | 32.08 | 35.34 | 45.56 | 101.06 |
| Altoona[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Altoona[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † Ames | 19.95 | 34.14 | 47.51 | [illegible] | [illegible] |
| † Ames | 21.90 | 39.31 | 56.46 | 73.61 | 168.04 |
| Anamosa[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Anamosa[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Ankeny | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Ankeny | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † Atlantic | 13.72 | 24.46 | 30.22 | 40.19 | 100.05 |
| Audubon | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Belle Plaine[1] | 16.65 | 29.99 | 41.54 | 52.26 | [illegible] |
| Belle Plaine[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Bettendorf[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Bettendorf[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| † Bloomfield | 17.79 | 30.51 | 43.12 | 54.72 | 119.63 |
| Boone[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Boone[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Burlington[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Burlington[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| Camanche[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Camanche[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| † Carlisle | 14.10 | 26.20 | 37.50 | 48.00 | 111.00 |
| Carroll | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| † Carter Lake[1] | 14.27 | 22.38 | 29.93 | 37.49 | [illegible] |
| † Carter Lake[2] | 14.27 | 24.60 | 34.93 | 45.26 | 96.77 |
| † Cedar Falls[1] | 17.18 | 30.18 | 43.18 | 53.78 | 113.78 |
| † Cedar Falls[2] | 17.18 | 30.18 | 43.18 | 56.18 | [illegible] |
| Cedar Rapids[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Cedar Rapids[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Centerville[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Centerville[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| Chariton[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Chariton[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| Charles City | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Cherokee | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Clarinda[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Clarinda[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| Clarion | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Clear Lake | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| Clinton | 16.26 | 29.61 | 39.05 | 52.04 | 107.15 |
| Clive[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Clive[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| Coralville[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Coralville[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| Council Bluffs[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Council Bluffs[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| Cresco | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| Creston[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Creston[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| Davenport[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Davenport[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| De Witt[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| De Witt[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Decorah | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| † Denison | 10.85 | 18.20 | 18.70 | 23.30 | 49.90 |
| Des Moines[1] | 19.28 | 33.46 | 40.60 | 53.61 | 103.15 |
| Des Moines[2] | 19.28 | 33.95 | 40.60 | 54.60 | 136.55 |
| Dubuque | 16.26 | 29.61 | 39.05 | 52.04 | 107.15 |
| Dyersville | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| Eagle Grove | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Eldora[1] | 16.65 | [illegible] | 41.54 | 52.26 | 111.36 |
| Eldora[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † Eldridge[1] | 15.79 | 28.46 | 41.14 | 53.81 | 129.86 |
| † Eldridge[2] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Emmetsburg | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| † Estherville | 15.69 | 27.62 | 38.06 | 48.49 | 103.60 |
| Evansdale | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Fairfield[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Fairfield[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † Forest City | 13.25 | 22.50 | [illegible] | 37.50 | [illegible] |
| Fort Dodge[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Fort Dodge[2] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Fort Madison[1] | 12.65 | 23.39 | 28.95 | 38.87 | 70.02 |
| Fort Madison[2] | 12.65 | 23.39 | 29.44 | 40.19 | 104.64 |
| Garner[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Garner[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Glenwood[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Glenwood[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| Grinnell[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Grinnell[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| † Grundy Center | 17.25 | 31.50 | 43.25 | 55.00 | 112.00 |
| Hampton | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| † Harlan[1] | 12.00 | 22.50 | 31.50 | 40.50 | 70.50 |
| † Harlan[2] | 12.00 | 22.50 | 31.50 | 40.50 | 94.50 |
| † Hawarden | 15.75 | 22.00 | 28.25 | 34.50 | 73.00 |
| Hiawatha[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Hiawatha[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Humboldt | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| † Independence | 18.90 | 33.30 | 47.70 | 62.10 | 143.50 |
| † Indianola | 14.37 | 26.05 | 36.97 | 47.89 | 104.63 |
| Iowa City[1] | 15.44 | 32.73 | 36.33 | 49.45 | 80.40 |
| Iowa City[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| Iowa Falls[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Iowa Falls[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Jefferson[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Jefferson[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Keokuk[1] | 12.65 | 23.39 | 28.95 | 38.87 | 70.02 |
| Keokuk[2] | 12.65 | 23.39 | 29.44 | 40.19 | 104.64 |
| Knoxville[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Knoxville[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Le Claire[1] | 15.44 | 32.73 | 36.93 | 49.45 | 80.40 |
| Le Claire[2] | 15.44 | 32.73 | 36.33 | 51.19 | 151.65 |
| Le Mars | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Manchester[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Manchester[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Maquoketa[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Maquoketa[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Marion[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Marion[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Marshalltown[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Marshalltown[2] | [illegible] | [illegible] | 42.66 | [illegible] | 125.61 |
| Mason City | 16.26 | 29.61 | 40.49 | 53.48 | 107.15 |
| Missouri Valley[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Missouri Valley[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| Monticello[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Monticello[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † Mount Pleasant | 23.47 | 37.73 | 51.98 | 64.81 | 139.60 |
| Mount Vernon[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Mount Vernon[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † Muscatine | 11.22 | 20.55 | 25.64 | 33.56 | 77.82 |
| Nevada[1] | 16.65 | 29.99 | 41.54 | 52.16 | 111.36 |
| Nevada[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † New Hampton | 16.16 | 29.53 | 42.19 | 54.85 | 128.63 |
| Newton[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Newton[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| Oelwein | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| † Onawa[1] | 13.48 | 24.95 | 35.18 | 45.40 | 99.25 |
| † Onawa[2] | 13.48 | 24.95 | 35.18 | 45.40 | 106.75 |
| † Orange City | [illegible] | 16.00 | 21.30 | 26.50 | [illegible] |
| † Osage | 14.78 | 27.35 | [illegible] | 51.00 | 113.25 |
| Osceola[1] | 14.20 | 25.50 | 32.74 | 44.04 | 103.88 |
| Osceola[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| † Pella | [illegible] | 27.43 | [illegible] | [illegible] | [illegible] |
| Perry[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Perry[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Red Oak[1] | [illegible] | [illegible] | [illegible] | [illegible] | 102.12 |
| Red Oak[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † Rock Rapids | 12.38 | 19.75 | 27.13 | 34.50 | 78.75 |
| Sac City | 19.70 | 35.20 | 44.09 | 59.38 | 118.55 |
| Sheldon | 19.70 | 35.20 | 44.09 | 59.38 | 115.55 |
| Shenandoah[1] | [illegible] | [illegible] | [illegible] | [illegible] | 102.12 |
| Shenandoah[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † Sibley | 12.73 | 21.71 | 30.59 | 39.07 | 89.95 |
| † Sioux Center | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Sioux City | 20.09 | 35.90 | 44.97 | 60.57 | 120.92 |
| † Spencer | 12.60 | 21.60 | 30.60 | 39.60 | 80.10 |
| Spirit Lake[1] | 16.65 | 29.99 | 41.54 | 52.26 | 111.36 |
| Spirit Lake[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| Storm Lake | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| † Story City[1] | 17.96 | 31.78 | [illegible] | [illegible] | 116.38 |
| † Story City[2] | 17.96 | 31.78 | 43.84 | 55.88 | 128.18 |
| Tama[1] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Tama[2] | 16.65 | 29.99 | 42.66 | 55.26 | 125.61 |
| † Tipton | 15.56 | 27.82 | 38.78 | 50.43 | 100.33 |
| Urbandale[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Urbandale[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Washington[1] | 14.20 | 25.50 | 32.74 | [illegible] | 103.88 |
| Washington[2] | 14.30 | 26.10 | 33.14 | [illegible] | 111.08 |
| Waterloo | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Waukon | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| † Waverly[1] | 12.00 | 22.00 | 31.38 | 40.75 | 83.25 |
| † Waverly[2] | 12.00 | 22.00 | 31.38 | 40.75 | 85.75 |
| † Webster City | 14.71 | 26.23 | 37.37 | 48.51 | 111.62 |
| West Burlington[1] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| West Burlington[2] | 14.30 | 26.10 | 33.14 | 44.94 | 111.08 |
| West Des Moines[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| West Des Moines[2] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| West Union | 17.81 | 32.71 | 42.97 | 57.20 | 110.87 |
| Windsor Heights[1] | 19.09 | 33.13 | 40.20 | 53.08 | 102.12 |
| Windsor Heights[2] | 19.09 | 33.62 | 40.20 | 54.06 | 135.20 |
| † Winterset | 14.25 | 26.00 | 37.75 | 49.50 | 120.00 |

[1] = Winter. [2] = Summer. † = Served by public utility.

Source: Information Administration, U.S. Department of Energy.

# no Iowa areas isolated from energy
## served by three strong interstate gas pipeline systems




**PIPELINES SERVING IOWA**

CRUDE OIL or PETROLEUM PRODUCTS

NATURAL GAS (Northern Natural, National Gas Pipeline of America, Michigan-Wisconsin Pipeline Co.)

## natural gas use in Iowa: residential, commercial and industrial sectors

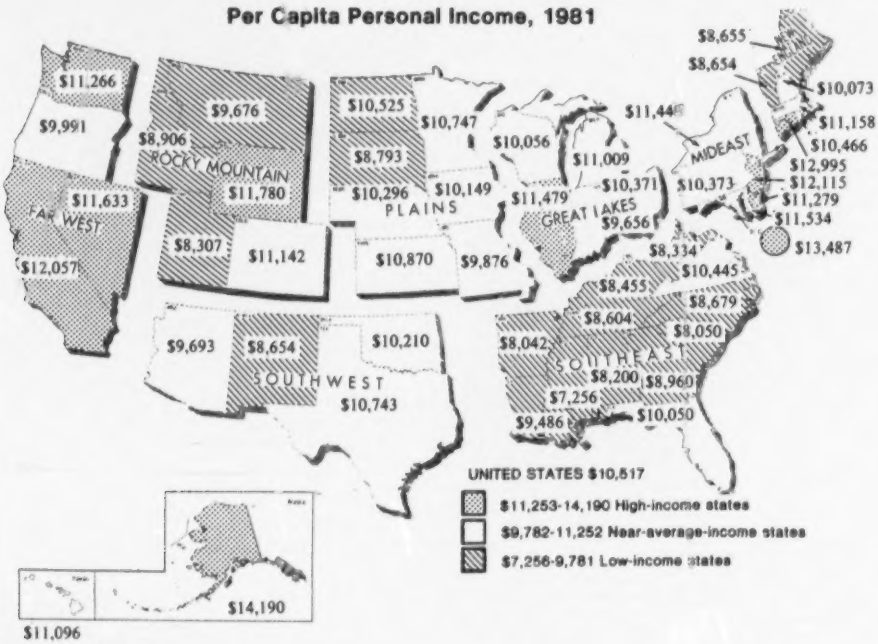
| | Residential | | | Commercial | | | Industrial | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1967 | 1980 | 1981 | 1967 | 1980 | 1981 | 1967 | 1980 | 1981 | 1967 | 1980 | 1981 |
| Customers (000) | 520 | 664.5 | 673.7 | 61 | 78.6 | 80.5 | 2 | 1.9 | 1.8 | 582 | 745.4 | 756.5 |
| Sales (Trillion BTU) | 83.8 | 84.8 | 76.5 | 46.4 | 51.4 | 46.9 | 112.2 | 118.8 | 116.9 | 252.3 | 255.8 | 242.1 |
| Revenues ($000,000) | 76 | 271.2 | 301.4 | 30 | 146.3 | 167.1 | 38 | 298.5 | 362.7 | 147 | 718.4 | 834.3 |
| Average Monthly Revenues Per Customer | $12.18 | $34.01 | $37.28 | $40.98 | $155.11 | $172.98 | $1,583.33 | $13,092.1 | $16,791.67 | — | — | $91.90 |

Source: Gas Facts, American Gas Association, Arlington, Virginia, 1982.

## electric utility industry — Iowa

| | 1965 | | 1970 | | 1975 | | 1978 | | 1979 | | 1980 | | 1981 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) | Revenues (000) | Energy Sales (Millions of Kilowatt hours) |
| Residential | $116,028 | 4,297 | $157,430 | 6,262 | $268,653 | 8,226 | $393,914 | 9,479 | $439,665 | 9,660 | $481,302 | 9,913 | 574,583 | 9,609 |
| Commercial/Industrial | 107,157 | 5,953 | 147,654 | 8,553 | 258,457 | 11,282 | 447,326 | 13,774 | 521,571 | 14,341 | 268,777/294,644 | 5,375/9,040 | 318,335/356,041 | 5,488/9,537 |
| Street and Highway Lighting | 3,798 | 129 | 5,887 | 183 | 8,542 | 206 | 11,081 | 224 | 12,392 | 225 | 13,489 | 214 | 14,124 | 202 |
| Other Public | 2,898 | 161 | 4,128 | 232 | 7,411 | 301 | 11,583 | 344 | 784 | 36 | 14,087 | 360 | 17,288 | 346 |
| Interdepartmental | 269 | 21 | 428 | 26 | 502 | 31 | 734 | 33 | — | — | 790 | 36 | 631 | 15 |
| Railroad and Railways | | | | | | | 3 | — | 2 | — | — | — | — | — |
| IOWA total | | | | | | | | | | | $1,073,089 | 24,938 | $1,281,002 | 25,197 |

Source: Edison Electric Institute, Washington, D.C.




U.S. Department of Commerce, Bureau of Economic Analysis.

# per capita income, midwest

| | 1960 | 1965 | 1970 | 1975 | 1977 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| IOWA | $1,983 | $2,754 | $3,751 | $5,894 | $6,851 | $7,887 | $8,669 | $ 9,310 | $10,149 |
| Minnesota | 2,075 | 2,642 | 3,859 | 5,779 | 7,088 | 7,910 | 8,865 | 9,765 | 10,747 |
| South Dakota | 1,784 | 2,182 | 3,123 | 5,009 | 5,850 | 6,864 | 7,455 | 7,818 | 8,793 |
| Nebraska | 2,110 | 2,619 | 3,789 | 5,882 | 6,672 | 7,582 | 8,684 | 9,086 | 10,296 |
| Kansas | 2,160 | 2,701 | 3,853 | 5,958 | 7,040 | 7,882 | 9,233 | 9,864 | 10,870 |
| Missouri | 2,112 | 2,716 | 3,781 | 5,476 | 6,565 | 7,313 | 8,251 | 8,865 | 9,876 |
| Illinois | 2,646 | 3,291 | 4,507 | 6,735 | 8,046 | 8,903 | 9,799 | 10,479 | 11,479 |
| Wisconsin | 2,188 | 2,712 | 3,812 | 5,616 | 6,775 | 7,532 | 8,484 | 9,413 | 10,056 |
| Indiana | 2,178 | 2,840 | 3,772 | 5,609 | 6,906 | 7,706 | 8,570 | 8,924 | 9,656 |
| Ohio | 2,345 | 2,893 | 4,020 | 5,778 | 7,102 | 7,855 | 8,715 | 9,640 | 10,371 |
| U.S. | 2,222 | 2,785 | 3,966 | 5,861 | 7,042 | 7,836 | 8,773 | 9,458 | 10,517 |

Source: Survey of Current Business, April 1982, U.S. Department of Commerce.

# total personal income, midwest (billions)

| | 1960 | 1965 | 1970 | 1975 | 1976 | 1977 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|---|
| IOWA | $ 5.47 | $ 7.55 | $10.62 | $16.82 | $17.60 | $19.86 | $ 25.28 | $ 27.19 | $ 29.42 |
| Minnesota | 7.11 | 8.49 | 14.72 | 22.66 | 24.60 | 28.21 | 36.05 | 39.91 | 44.00 |
| South Dakota | 1.22 | 1.51 | 2.09 | 3.41 | 3.44 | 4.02 | 5.18 | 5.41 | 6.03 |
| Nebraska | 2.99 | 3.85 | 5.64 | 9.08 | 9.40 | 10.37 | 13.53 | 14.30 | 16.23 |
| Kansas | 4.72 | 5.96 | 8.67 | 13.58 | 14.81 | 16.33 | 21.65 | 23.37 | 25.90 |
| Missouri | 9.13 | 12.13 | 17.73 | 26.10 | 28.36 | 31.66 | 40.25 | 43.70 | 48.79 |
| Illinois | 26.69 | 35.19 | 50.15 | 75.42 | 81.83 | 90.34 | 110.61 | 119.95 | 131.56 |
| Wisconsin | 8.67 | 11.48 | 16.88 | 25.77 | 28.10 | 31.46 | 40.34 | 44.40 | 47.68 |
| Indiana | 10.18 | 13.98 | 19.62 | 29.80 | 33.18 | 36.95 | 45.80 | 49.11 | 52.80 |
| Ohio | 22.82 | 29.51 | 42.87 | 62.03 | 68.53 | 75.96 | 93.98 | 102.39 | 111.81 |

Source: Survey of Current Business, April, 1982, U.S. Department of Commerce.

# taxable payrolls, midwest states, 1980

| | Number of Employees Week of March 12 | Annual Taxable Payroll ($000) | Estimated Weekly Payroll per Employee |
|---|---|---|---|
| IOWA | 906,373 | 11,456,205 | $243.07 |
| Minnesota | 1,494,680 | 20,162,981 | 259.42 |
| South Dakota | 175,136 | 1,824,618 | 200.35 |
| Nebraska | 492,010 | 5,956,980 | 232.84 |
| Kansas | 763,326 | 9,592,101 | 241.66 |
| Missouri | 1,668,510 | 22,312,490 | 257.17 |
| Illinois | 4,187,631 | 63,543,602 | 291.81 |
| Wisconsin | 1,610,115 | 21,502,850 | 256.82 |
| Indiana | 1,800,852 | 25,249,548 | 269.63 |
| Ohio | 3,730,956 | 54,964,896 | 283.31 |
| North Dakota | 174,526 | 2,017,239 | 222.28 |

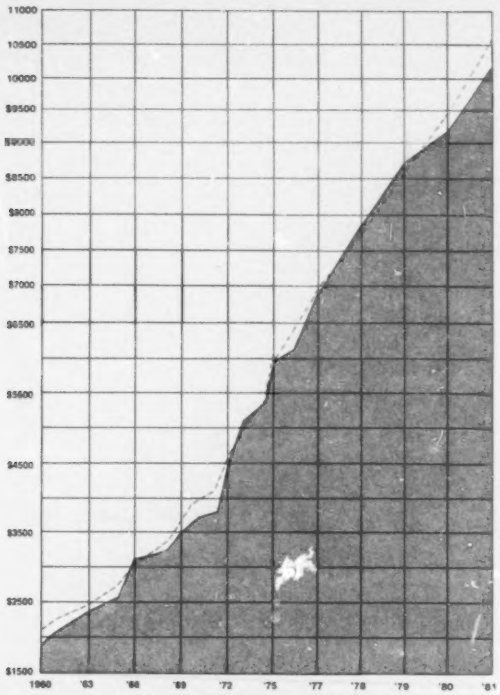
Source: 1980 County Business Patterns, U.S. Department of Commerce, Bureau of the Census.

# personal income comes from diverse sources, 1981 (millions)

| Income by place of work | Iowa | Minnesota | South Dakota | Nebraska | Kansas | Missouri | Illinois | Wisconsin | Indiana | Ohio |
|---|---|---|---|---|---|---|---|---|---|---|
| Total labor and proprietors income | $20,675 | $32,933 | $3,986 | $11,665 | $17,349 | $35,468 | $ 94,835 | $34,325 | $39,311 | $ 81,459 |
| By type | | | | | | | | | | |
| Wages and salary disbursements | 15,893 | 26,903 | 2,964 | 9,035 | 14,488 | 29,972 | 80,544 | 28,305 | 32,927 | 70,238 |
| Other labor income | 1,534 | 2,607 | 250 | 780 | 1,402 | 2,846 | 7,852 | 2,894 | 3,657 | 7,193 |
| Proprietors income | 3,248 | 3,423 | 773 | 1,851 | 1,458 | 2,650 | 6,440 | 3,126 | 2,727 | 4,028 |
| Farm | 1,354 | 1,698 | 386 | 952 | 84 | 1,671 | 1,518 | 1,172 | 459 | -39 |
| Nonfarm | 1,893 | 1,725 | 386 | 899 | 1,375 | 1,979 | 4,922 | 1,954 | 2,268 | 4,067 |
| By industry | | | | | | | | | | |
| Farm | 1,676 | 1,913 | 451 | 1,186 | 302 | 1,124 | 1,881 | 1,435 | 674 | 278 |
| Nonfarm | 19,000 | 31,020 | 3,535 | 10,479 | 17,047 | 34,657 | 92,955 | 32,890 | 38,637 | 81,181 |
| Private | 16,119 | 26,467 | 2,730 | 8,437 | 14,087 | 29,513 | 80,667 | 28,259 | 33,877 | 71,070 |
| Manufacturing | 5,587 | 8,233 | 456 | 1,885 | 4,117 | 9,119 | 27,131 | 11,863 | 15,929 | 31,024 |
| Mining | 47 | 488 | 73 | 51 | 575 | 184 | 930 | 56 | 3 | 915 |
| Contract construction | 1,174 | 1,753 | 235 | 617 | 1,018 | 1,935 | 4,738 | 1,606 | 2,174 | 3,866 |
| Wholesale and retail trade | 3,573 | 5,878 | 755 | 2,098 | 3,054 | 6,278 | 16,632 | 5,213 | 5,807 | 12,447 |
| Wholesale trade | 1,574 | 2,681 | 308 | 969 | 1,383 | 2,871 | 8,119 | 2,102 | 2,180 | 5,063 |
| Retail trade | 1,999 | 3,197 | 447 | 1,129 | 1,671 | 3,407 | 8,513 | 3,111 | 3,627 | 7,384 |
| Finance, insurance and real estate | 1,143 | 1,892 | 202 | 559 | 915 | 1,962 | 6,528 | 1,706 | 1,735 | 3,561 |
| Transportation and public utilities | 1,436 | 2,589 | 1,140 | 313 | 1,600 | 3,678 | 7,718 | 2,225 | 2,719 | 5,822 |
| Services | 3,080 | 5,527 | 678 | 1,759 | 2,745 | 6,293 | 16,789 | 5,472 | 5,144 | 13,241 |
| Government and government enterprises | 2,397 | 4,552 | 805 | 2,042 | 2,960 | 5,144 | 11,288 | 4,631 | 4,760 | 10,111 |
| Derivation of personal income by place of residence | | | | | | | | | | |
| Total labor and proprietors income by place of work | 20,675 | 32,933 | 3,986 | 11,665 | 17,349 | 35,468 | 94,835 | 34,325 | 39,311 | 81,459 |
| Less: Personal contributions for social insurance by place of work | 1,227 | 2,026 | 262 | 686 | 1,075 | 2,115 | 5,485 | 2,019 | 2,273 | 4,837 |
| Net labor and proprietors name by place of residence | 19,598 | 30,845 | 3,732 | 10,754 | 17,236 | 31,486 | 89,883 | 32,813 | 37,245 | 76,003 |
| Plus: Residence adjustment | 150 | -62 | 8 | -224 | 962 | -1,867 | 532 | 507 | 207 | -619 |
| Net labor and proprietors income by place of residence | | | | | | | | | | |
| Plus: dividends, interest & rent | 6,836 | 7,923 | 1,439 | 3,573 | 5,264 | 8,963 | 25,788 | 8,087 | 9,070 | 19,198 |
| Plus: Transfer payments | 3,928 | 5,319 | 885 | 2,018 | 3,262 | 7,233 | 17,004 | 6,679 | 6,832 | 15,978 |
| Personal income by place of residence | 30,362 | 44,087 | 6,056 | 16,346 | 25,762 | 47,682 | 132,675 | 47,579 | 53,147 | 111,179 |

Source: Survey of Current Business, August 1982, U.S. Department of Commerce.

# Iowa per capita income in step with U.S.




IOWA —
U.S. .....

| | IOWA | U.S. |
|---|---|---|
| 1960 | $1,983 | $2,222 |
| 1962 | 2,179 | 2,381 |
| 1963 | 2,312 | 2,469 |
| 1964 | 2,418 | 2,603 |
| 1965 | 2,754 | 2,785 |
| 1966 | 3,004 | 3,001 |
| 1967 | 3,039 | 3,188 |
| 1968 | 3,237 | 3,457 |
| 1969 | 3,514 | 3,733 |
| 1970 | 3,751 | 3,966 |
| 1971 | 3,865 | 4,195 |
| 1972 | 4,297 | 4,537 |
| 1973 | 5,168 | 4,980 |
| 1974 | 5,329 | 5,428 |
| 1975 | 5,867 | 5,852 |
| 1976 | 6,123 | 6,402 |
| 1977 | 6,851 | 6,979 |
| 1978 | 7,887 | 7,735 |
| 1979 | 8,669 | 8,637 |
| 1980 | 9,310 | 9,458 |
| 1981 | 10,149 | 10,517 |

Source: Survey of Current Business, April, 1982, U.S. Department of Commerce.

# personal income reflects industrial growth

| | 1960 | 1965 | 1970 | 1975 | 1978 | 1979 | 1980[r] | 1981 |
|---|---|---|---|---|---|---|---|---|
| Total labor & proprietors income | $5,568 | $7,522 | $10,609 | $12,429 | $17,278 | $18,332 | $18,867 | $20,675 |
| By Type: | | | | | | | | |
| Wage & salary disbursements | 3,021 | 3,876 | 5,808 | 8,992 | 12,573 | 14,053 | 14,940 | 15,893 |
| Other labor income | 111 | 198 | 333 | 735 | 1,171 | 1,359 | 1,423 | 1,534 |
| Proprietors income | 1,306 | 1,884 | 2,114 | 2,702 | 3,533 | 2,921 | 2,474 | 3,248 |
| Farm | 666 | 1,133 | 1,287 | 1,601 | 1,995 | 1,252 | 671 | 1,354 |
| Nonfarm | 640 | 751 | 827 | 1,101 | 1,539 | 1,669 | 1,775 | 1,893 |
| By Industry: | | | | | | | | |
| Farm | N/A | N/A | N/A | 1,777 | 2,237 | 1,559 | 945 | 1,676 |
| Nonfarm | N/A | N/A | N/A | 10,652 | 15,041 | 16,773 | 17,892 | 19,000 |
| Manufacturing | 912 | 1,233 | 1,791 | 3,044 | 4,357 | 4,991 | 5,249 | 5,587 |
| Durables | N/A | N/A | 1,019 | (D) | 2,827 | 3,277 | 3,380 | 3,577 |
| Nondurables | N/A | N/A | 773 | (D) | 1,530 | 1,715 | 1,869 | 2,009 |
| Mining | 14 | 19 | 26 | 50 | 44 | 53 | 50 | 47 |
| Contract construction | 194 | 229 | 367 | 733 | 1,181 | 1,282 | 1,242 | 1,174 |
| Wholesale & retail trade | 627 | 736 | 1,076 | 2,072 | 2,922 | 3,248 | 3,400 | 3,573 |
| Wholesale trade | N/A | N/A | N/A | 936 | 1,207 | 1,390 | 1,498 | 1,574 |
| Retail trade | N/A | N/A | N/A | 1,136 | 1,715 | 1,858 | 1,907 | 1,999 |
| Finance, insurance & real estate | 143 | 185 | 283 | 567 | 877 | 987 | 1,061 | 1,143 |
| Transportation, communication & utilities | 285 | 309 | 418 | 814 | 1,149 | 1,261 | 1,349 | 1,436 |
| Services | 292 | 409 | 653 | 1,518 | 2,209 | 2,484 | 2,810 | 3,080 |
| Other industries | 10 | 12 | 15 | 41 | N/A | N/A | N/A | N/A |
| Government | 470 | 678 | 1,098 | 1,711 | 2,241 | 2,397 | 2,881 | 2,397 |
| Federal, civilian | 99 | 139 | 213 | 262 | 337 | 351 | 412 | 455 |
| Federal, military | 24 | 17 | 18 | 33 | 35 | 36 | 51 | 340 |
| State & local | 348 | 523 | 867 | 1,417 | 1,869 | 2,009 | 2,419 | 1,602 |
| Personal contributions for social insurance | 109 | 154 | 331 | 637 | 853 | 983 | 1,071 | 1,227 |
| Dividends, interest & rent | 825 | 1,188 | 1,639 | 2,836 | 4,345 | 4,914 | 5,673 | 6,836 |
| Transfer payments | 414 | 542 | 1,047 | 2,037 | 2,604 | 2,897 | 3,469 | 3,928 |
| Personal income by place of residence | N/A | N/A | N/A | 16,783 | 20,295 | 25,276 | 27,042 | 30,362 |

N/A = Not Available.
(D) Not shown to avoid disclosure of confidential information.
Note: Detail may not add to total due to rounding.
Source: Survey of Current Business, August, 1982, U.S. Department of Commerce.

# ndustrial payrolls contribute substantially

| Major Industry Groups | 1979 Number of Employees (mid-March) | 1979 Taxable Payrolls (Annual $000) | 1979 Total Reporting Units | 1980 Number of Employees (mid-March) | 1980 Taxable Payrolls (Annual $000) | 1980 Total Reporting Units |
|---|---|---|---|---|---|---|
| Total | 917,005 | $10,810,991 | $67,832 | 906,373 | $11,456,205 | 66,904 |
| gricultural Services | 3,629 | 40,620 | 750 | 3,698 | 43,424 | 761 |
| lining | 2,527 | 45,089 | 211 | 2,496 | 41,771 | 206 |
| ontract Construction | 51,632 | 844,101 | 7,558 | 46,060 | 790,423 | 6,765 |
| lanufacturing | 261,939 | 4,302,293 | 3,371 | 257,944 | 4,518,537 | 3,345 |
| ransportation & Utilities | 48,865 | 749,634 | 3,106 | 48,334 | 805,194 | 3,031 |
| Vholesale Trade | 77,105 | 1,083,335 | 7,517 | 77,382 | 1,155,280 | 7,464 |
| etail Trade | 208,561 | 1,381,879 | 19,618 | 204,607 | 1,434,223 | 19,270 |
| inance, Insurance, Real Est. | 61,670 | 760,289 | 6,053 | 62,791 | 850,592 | 5,908 |
| ervices | 195,585 | 1,559,591 | 16,978 | 196,529 | 1,770,483 | 17,013 |
| Inclassified Est. | 5,492 | 44,160 | 2,670 | 6,533 | 46,280 | 3,141 |

Source: County Business Patterns, 1980, U.S. Department of Commerce, Bureau of the Census.

# per capita income distributed in Iowa

| County | Total Personal Income (Millions of Dollars) 1978 | 1979 | 1980 | Total Per Capita Personal Income (Dollars) 1978 | 1979 | 1980 |
|---|---|---|---|---|---|---|
| IOWA | $22,920 | $25,163 | $27,188 | $7,887 | $8,669 | $9,310 |
| Adair | 74 | 72 | 71 | 7,612 | 7,284 | 7,485 |
| Adams | 42 | 44 | 42 | 6,838 | 7,226 | 7,302 |
| Allamakee | 91 | 101 | 104 | 5,692 | 6,533 | 6,892 |
| Appanoose | 85 | 99 | 111 | 5,505 | 6,366 | 7,169 |
| Audubon | 71 | 67 | 68 | 7,638 | 7,450 | 7,952 |
| Benton | 176 | 191 | 200 | 7,300 | 7,803 | 8,434 |
| Black Hawk | 1,130 | 1,285 | 1,411 | 8,124 | 9,198 | 10,206 |
| Boone | 237 | 234 | 246 | 8,922 | 8,751 | 9,386 |
| Bremer | 174 | 199 | 221 | 7,099 | 7,994 | 8,870 |
| Buchanan | 156 | 178 | 181 | 6,737 | 7,631 | 7,892 |
| Buena Vista | 154 | 182 | 197 | 7,499 | 9,013 | 9,446 |
| Butler | 123 | 137 | 144 | 7,022 | 7,746 | 8,154 |
| Calhoun | 117 | 123 | 134 | 8,521 | 9,079 | 9,887 |
| Carroll | 188 | 188 | 210 | 7,979 | 8,071 | 9,145 |
| Cass | 135 | 145 | 155 | 7,883 | 8,438 | 9,108 |
| Cedar | 137 | 155 | 155 | 7,521 | 8,598 | 8,314 |
| Cerro Gordo | 389 | 429 | 464 | 8,061 | 8,961 | 9,563 |
| Cherokee | 124 | 136 | 145 | 7,524 | 8,353 | 8,939 |
| Chickasaw | 105 | 119 | 122 | 6,701 | 7,519 | 7,905 |
| Clarke | 59 | 61 | 65 | 7,201 | 7,362 | 7,563 |
| Clay | 148 | 174 | 188 | 7,500 | 8,672 | 9,561 |
| Clayton | 142 | 157 | 160 | 6,814 | 7,711 | 7,548 |
| Clinton | 432 | 488 | 529 | 7,411 | 8,376 | 9,240 |
| Crawford | 147 | 153 | 162 | 7,772 | 8,020 | 8,515 |
| Dallas | 222 | 237 | 263 | 7,769 | 8,262 | 8,889 |
| Davis | 58 | 61 | 65 | 6,486 | 6,891 | 7,135 |
| Decatur | 50 | 55 | 60 | 5,050 | 5,582 | 6,072 |
| Delaware | 126 | 139 | 134 | 6,534 | 7,170 | 7,047 |
| Des Moines | 368 | 409 | 438 | 8,026 | 8,940 | 9,465 |
| Dickinson | 119 | 129 | 144 | 8,220 | 8,727 | 9,188 |
| Dubuque | 752 | 827 | 892 | 8,031 | 8,884 | 9,494 |
| Emmet | 100 | 113 | 125 | 7,181 | 8,295 | 9,322 |
| Fayette | 165 | 187 | 195 | 6,428 | 7,531 | 7,635 |
| Floyd | 138 | 158 | 162 | 6,887 | 7,927 | 8,252 |
| Franklin | 97 | 104 | 108 | 7,341 | 7,720 | 8,279 |
| Fremont | 67 | 73 | 82 | 7,339 | 8,051 | 8,670 |
| Greene | 137 | 123 | 132 | 11,483 | 10,150 | 10,878 |
| Grundy | 115 | 123 | 139 | 8,010 | 8,392 | 9,663 |
| Guthrie | 88 | 88 | 94 | 7,177 | 7,229 | 7,806 |
| Hamilton | 152 | 159 | 172 | 8,606 | 9,050 | 9,628 |
| Hancock | 104 | 120 | 122 | 7,557 | 8,896 | 8,785 |
| Hardin | 174 | 187 | 207 | 8,060 | 8,457 | 9,504 |
| Harrison | 120 | 128 | 134 | 7,307 | 7,844 | 8,206 |
| Henry | 139 | 152 | 158 | 7,619 | 8,375 | 8,332 |
| Howard | 70 | 83 | 83 | 6,244 | 7,574 | 7,448 |
| Humboldt | 100 | 111 | 121 | 7,891 | 8,777 | 9,848 |
| Ida | 71 | 75 | 78 | 7,939 | 8,411 | 8,688 |
| Iowa | 120 | 129 | 135 | 7,880 | 8,551 | 8,744 |
| Jackson | 144 | 158 | 165 | 6,363 | 6,891 | 7,305 |

| County | Total Personal Income (Millions of Dollars) 1978 | 1979 | 1980 | Total Per Capita Personal Income (Dollars) 1978 | 1979 | 1980 |
|---|---|---|---|---|---|---|
| Jasper | $ 299 | $ 314 | $ 332 | $8,133 | $8,495 | $9,086 |
| Jefferson | 115 | 130 | 136 | 7,583 | 8,628 | 8,291 |
| Johnson | 601 | 656 | 711 | 7,699 | 8,289 | 8,684 |
| Jones | 135 | 147 | 151 | 6,779 | 7,244 | 7,366 |
| Keokuk | 104 | 111 | 108 | 7,851 | 8,534 | 8,369 |
| Kossuth | 162 | 186 | 193 | 7,067 | 8,143 | 8,808 |
| Lee | 333 | 362 | 385 | 7,846 | 8,695 | 8,900 |
| Linn | 1,470 | 1,680 | 1,814 | 8,799 | 10,037 | 10,659 |
| Louisa | 73 | 84 | 90 | 6,298 | 7,249 | 7,489 |
| Lucas | 76 | 79 | 85 | 7,533 | 7,594 | 8,271 |
| Lyon | 96 | 104 | 113 | 7,084 | 7,877 | 8,714 |
| Madison | 96 | 92 | 95 | 7,620 | 7,258 | 7,561 |
| Mahaska | 177 | 183 | 194 | 7,798 | 8,007 | 8,617 |
| Marion | 246 | 252 | 271 | 8,484 | 8,722 | 9,106 |
| Marshall | 381 | 391 | 423 | 8,950 | 9,346 | 10,143 |
| Mills | 99 | 106 | 112 | 7,442 | 7,783 | 8,366 |
| Mitchell | 85 | 96 | 97 | 6,685 | 7,608 | 7,886 |
| Monona | 85 | 96 | 100 | 7,146 | 8,104 | 8,519 |
| Monroe | 65 | 69 | 76 | 6,854 | 7,050 | 8,214 |
| Montgomery | 113 | 125 | 130 | 8,639 | 9,658 | 9,703 |
| Muscatine | 324 | 367 | 408 | 8,178 | 9,312 | 10,069 |
| O'Brien | 122 | 141 | 161 | 7,011 | 8,131 | 9,478 |
| Osceola | 63 | 70 | 76 | 7,790 | 8,601 | 9,073 |
| Page | 146 | 160 | 174 | 7,675 | 8,390 | 9,107 |
| Palo Alto | 100 | 110 | 119 | 7,508 | 8,387 | 9,312 |
| Plymouth | 186 | 193 | 201 | 7,504 | 7,845 | 8,116 |
| Pocahontas | 92 | 105 | 111 | 7,933 | 9,162 | 9,766 |
| Polk | 2,721 | 3,043 | 3,425 | 9,067 | 10,165 | 11,268 |
| Pottawattamie | 629 | 689 | 764 | 7,253 | 8,007 | 8,812 |
| Poweshiek | 161 | 176 | 182 | 8,247 | 9,006 | 9,426 |
| Ringgold | 44 | 41 | 44 | 6,940 | 6,763 | 7,169 |
| Sac | 119 | 128 | 135 | 8,088 | 8,760 | 9,538 |
| Scott | 1,325 | 1,493 | 1,658 | 8,472 | 9,520 | 10,334 |
| Shelby | 123 | 124 | 130 | 8,075 | 8,099 | 8,596 |
| Sioux | 199 | 209 | 234 | 6,565 | 6,775 | 7,582 |
| Story | 553 | 577 | 611 | 7,929 | 8,280 | 8,433 |
| Tama | 152 | 158 | 170 | 7,582 | 7,969 | 8,685 |
| Taylor | 48 | 54 | 56 | 5,840 | 6,703 | 6,745 |
| Union | 99 | 105 | 113 | 7,371 | 7,711 | 8,169 |
| Van Buren | 58 | 59 | 61 | 6,632 | 6,794 | 7,009 |
| Wapello | 291 | 337 | 367 | 7,179 | 8,258 | 9,099 |
| Warren | 264 | 281 | 309 | 7,705 | 8,026 | 8,827 |
| Washington | 57 | 175 | 180 | 8,197 | 9,041 | 8,940 |
| Wayne | 57 | 59 | 63 | 6,837 | 7,086 | 7,689 |
| Webster | 378 | 416 | 455 | 8,011 | 8,917 | 9,872 |
| Winnebago | 108 | 119 | 113 | 7,757 | 8,690 | 8,702 |
| Winneshiek | 128 | 144 | 152 | 5,797 | 6,429 | 6,913 |
| Woodbury | 833 | 897 | 963 | 8,080 | 8,864 | 9,528 |
| Worth | 63 | 72 | 74 | 7,159 | 7,785 | 8,135 |
| Wright | 135 | 156 | 164 | 8,062 | 9,501 | 10,054 |

Source: Survey of Current Business, April, 1982, U.S. Department of Commerce, Bureau of Economic Analysis.

# taxable payrolls by county, Iowa 1979 and 1980

| County | 1979 Number of establishments | 1979 Number of employees for week including March 12 | 1979 Payroll Annual ($000) | 1980 Number of establishments | 1980 Number of employees for week including March 12 | 1980 Payroll Annual ($000) |
|---|---|---|---|---|---|---|
| Total | 67,832 | 917,005 | $10,810,992 | 66,904 | 906,373 | $11,456,206 |
| Adair | 238 | 1,619 | 15,027 | 230 | 1,531 | 15,174 |
| Adams | 123 | 1,395 | 12,437 | 117 | 1,421 | 13,456 |
| Allamakee | 401 | 3,455 | 27,032 | 393 | 3,093 | 26,760 |
| Appanoose | 347 | 3,243 | 30,927 | 320 | 3,048 | 31,398 |
| Audubon | 238 | 1,512 | 11,587 | 227 | 1,431 | 11,839 |
| Benton | 505 | 3,559 | 35,579 | 501 | 3,570 | 36,323 |
| Black Hawk | 2,886 | 54,563 | 791,847 | 2,903 | 55,515 | 863,624 |
| Boone | 516 | 5,108 | 50,548 | 502 | 4,934 | 50,665 |
| Bremer | 543 | 6,014 | 63,750 | 537 | 6,141 | 69,187 |
| Buchanan | 450 | 2,967 | 29,659 | 439 | 3,063 | 32,463 |
| Buena Vista | 613 | 5,730 | 60,330 | 601 | 6,042 | 64,704 |
| Butler | 394 | 2,399 | 19,205 | 396 | 2,331 | 20,993 |
| Calhoun | 345 | 2,285 | 20,210 | 341 | 2,272 | 21,135 |
| Carroll | 677 | 6,957 | 70,601 | 679 | 7,162 | 74,621 |
| Cass | 537 | 4,803 | 41,113 | 518 | 4,506 | 40,911 |
| Cedar | 414 | 2,774 | 26,830 | 410 | 2,718 | 27,517 |
| Cerro Gordo | 1,426 | 18,096 | 185,927 | 1,394 | 17,290 | 197,003 |
| Cherokee | 373 | 4,064 | 45,544 | 382 | 3,919 | 47,439 |
| Chickasaw | 368 | 3,682 | 37,959 | 364 | 3,437 | 37,281 |
| Clarke | 186 | 1,888 | 17,423 | 188 | 1,822 | 18,800 |
| Clay | 597 | 6,339 | 68,354 | 610 | 6,671 | 73,446 |
| Clayton | 463 | 3,726 | 35,522 | 452 | 3,508 | 37,311 |
| Clinton | 1,134 | 18,858 | 220,646 | 1,125 | 17,997 | 232,129 |
| Crawford | 468 | 4,911 | 56,576 | 467 | 5,034 | 62,404 |
| Dallas | 610 | 5,152 | 56,043 | 580 | 4,977 | 60,744 |
| Davis | 177 | 1,211 | 10,491 | 168 | 1,142 | 10,795 |
| Decatur | 184 | 2,131 | 12,599 | 185 | 2,110 | 13,996 |
| Delaware | 411 | 3,349 | 32,112 | 417 | 3,385 | 33,151 |
| Des Moines | 1,118 | 19,366 | 245,003 | 1,090 | 18,853 | 256,139 |
| Dickinson | 430 | 3,743 | 35,625 | 407 | 3,697 | 36,617 |
| Dubuque | 2,067 | 41,491 | 577,390 | 2,035 | 42,224 | 587,737 |
| Emmet | 325 | 3,781 | 45,931 | 319 | 3,943 | 52,111 |
| Fayette | 626 | 5,264 | 48,565 | 619 | 5,000 | 48,576 |
| Floyd | 451 | 5,448 | 65,919 | 445 | 5,330 | 71,805 |
| Franklin | 361 | 3,066 | 32,838 | 353 | 3,002 | 34,971 |
| Fremont | 198 | 1,277 | 11,208 | 184 | 1,207 | 12,143 |
| Greene | 306 | 2,319 | 24,590 | 291 | 2,345 | 23,250 |
| Grundy | 303 | 2,205 | 21,480 | 306 | 2,196 | 22,176 |
| Guthrie | 278 | 1,525 | 11,776 | 266 | 1,619 | 12,167 |
| Hamilton | 459 | 4,564 | 43,894 | 439 | 4,823 | 47,890 |
| Hancock | 361 | 2,880 | 28,199 | 338 | 2,796 | 28,936 |
| Hardin | 661 | 5,931 | 62,065 | 641 | 5,734 | 62,891 |
| Harrison | 330 | 2,339 | 18,813 | 320 | 2,215 | 20,250 |
| Henry | 483 | 5,211 | 53,602 | 481 | 5,216 | 53,455 |
| Howard | 297 | 1,909 | 17,251 | 283 | 2,013 | 18,203 |
| Humboldt | 331 | 2,432 | 26,328 | 330 | 2,435 | 26,829 |
| Ida | 229 | 1,966 | 18,650 | 236 | 1,927 | 19,579 |
| Iowa | 389 | 6,161 | 61,781 | 389 | 6,219 | 71,314 |
| Jackson | 476 | 3,895 | 33,391 | 463 | 3,843 | 33,596 |
| Jasper | 726 | 11,149 | 143,287 | 718 | 10,672 | 142,043 |
| Jefferson | 332 | 4,804 | 49,759 | 343 | 4,780 | 51,082 |
| Johnson | 1,518 | 19,708 | 195,855 | 1,499 | 19,287 | 205,248 |

# taxable payrolls by county (continued)
# 1979 and 1980

| County | 1979 | | | 1980 | | |
|---|---|---|---|---|---|---|
| | Number of establishments | Number of employees for week including March 12 | Payroll Annual ($000) | Number of establishments | Number of employees for week including March 12 | Payroll Annual ($000) |
| es | 454 | 3,674 | 34,146 | 440 | 3,646 | 35,808 |
| kuk | 302 | 1,948 | 17,184 | 229 | 1,852 | 17,208 |
| suth | 563 | 5,137 | 50,992 | 566 | 4,911 | 51,736 |
| | 989 | 16,918 | 198,733 | 973 | 15,916 | 205,857 |
| n | 3,722 | 78,297 | 1,057,538 | 3,757 | 80,670 | 1,148,551 |
| isa | 214 | 1,494 | 15,182 | 208 | 1,749 | 19,046 |
| as | 229 | 2,348 | 25,730 | 213 | 2,287 | 27,476 |
| n | 280 | 1,836 | 16,251 | 269 | 1,796 | 17,205 |
| dison | 248 | 1,854 | 15,742 | 243 | 1,777 | 16,468 |
| naska | 555 | 5,955 | 52,844 | 527 | 5,347 | 49,095 |
| rion | 614 | 8,468 | 96,439 | 599 | 8,574 | 102,243 |
| rshall | 943 | 15,016 | 190,414 | 930 | 14,726 | 207,737 |
| ls | 274 | 2,204 | 21,140 | 256 | 2,110 | 22,716 |
| chell | 306 | 2,020 | 18,157 | 298 | 1,952 | 18,684 |
| nona | 306 | 2,029 | 15,550 | 292 | 1,970 | 16,823 |
| nroe | 194 | 1,746 | 17,908 | 179 | 1,786 | 19,307 |
| ntgomery | 362 | 3,949 | 39,449 | 357 | 4,010 | 40,180 |
| scatine | 912 | 15,984 | 207,715 | 894 | 15,956 | 240,526 |
| rien | 539 | 3,908 | 32,764 | 520 | 4,112 | 35,886 |
| eola | 218 | 1,552 | 12,985 | 208 | 1,480 | 14,124 |
| e | 531 | 5,334 | 51,014 | 505 | 5,222 | 54,078 |
| o Alto | 311 | 2,218 | 18,632 | 290 | 2,264 | 20,124 |
| mouth | 597 | 5,433 | 50,719 | 568 | 5,458 | 56,938 |
| ahontas | 325 | 2,333 | 20,822 | 315 | 2,183 | 21,134 |
| k | 8,071 | 157,158 | 2,020,769 | 7,946 | 154,178 | 2,137,263 |
| tawattamie | 1,555 | 19,928 | 194,436 | 1,513 | 18,057 | 191,875 |
| veshiek | 484 | 5,883 | 60,841 | 483 | 5,718 | 62,559 |
| ggold | 147 | 958 | 6,803 | 139 | 959 | 7,287 |
| | 429 | 2,944 | 27,490 | 423 | 2,831 | 29,218 |
| tt | 3,347 | 62,684 | 882,354 | 3,332 | 61,785 | 954,959 |
| lby | 373 | 2,999 | 26,603 | 362 | 3,031 | 28,425 |
| ux | 814 | 8,089 | 73,951 | 813 | 8,546 | 78,015 |
| ry | 1,438 | 18,338 | 174,912 | 1,456 | 18,086 | 179,020 |
| na | 441 | 3,254 | 31,289 | 415 | 3,280 | 32,623 |
| lor | 173 | 1,229 | 8,599 | 167 | 1,210 | 9,717 |
| ion | 383 | 3,342 | 27,358 | 366 | 3,389 | 31,722 |
| n Buren | 171 | 1,042 | 8,144 | 167 | 1,019 | 8,501 |
| pello | 785 | 11,286 | 145,881 | 772 | 11,518 | 157,977 |
| rren | 484 | 3,912 | 39,639 | 454 | 4,000 | 40,174 |
| shington | 554 | 5,472 | 53,047 | 542 | 5,247 | 53,396 |
| yne | 199 | 1,368 | 12,176 | 191 | 1,442 | 11,520 |
| bster | 1,240 | 16,388 | 184,247 | 1,206 | 16,420 | 198,596 |
| nnebago | 370 | 6,972 | 57,279 | 356 | 4,758 | 43,896 |
| nneshiek | 474 | 4,069 | 43,173 | 471 | 4,292 | 46,830 |
| odbury | 2,590 | 38,336 | 441,393 | 2,557 | 38,134 | 471,544 |
| rth | 176 | 1,124 | 8,837 | 175 | 1,047 | 8,929 |
| ight | 458 | 4,222 | 42,303 | 444 | 3,968 | 42,039 |
| tewide | N/A | 157 | 2,364 | 207 | 258 | 7,022 |

urce: County Business Patterns, 1980, U.S. Department of Commerce, Bureau of the Census.

# total personal and per capita income[1], Iowa smsa's

| | Per Capita Personal Income | | | | | Total Personal Income[1] (millions) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1976 | 1977 | 1978 | 1979 | 1980 | 1976 | 1977 | 1978 | 1979 | 1980 |
| Cedar Rapids | $6,908 | $7,871 | $8,799 | $10,037 | $10,098 | $ 1,153 | $ 1,306 | $ 1,470 | $ 1,680 | $ 1,81 |
| Davenport, Rock Island, Moline | 7,137 | 7,905 | 8,688 | 9,770 | 10,322 | 2,662 | 2,951 | 3,258 | 3,660 | 3,97 |
| Des Moines | 7,197 | 7,942 | 8,928 | 9,941 | 11,016 | 2,396 | 2,631 | 2,985 | 3,324 | 3,73 |
| Dubuque | 6,316 | 7,249 | 8,031 | 8,884 | 9,494 | 604 | 679 | 752 | 827 | 89 |
| Iowa City | | 7,037 | 7,699 | 8,289 | 8,898 | | 542 | 601 | 656 | 71 |
| Omaha, Council Bluffs | 6,406 | 6,945 | 7,680 | 8,510 | 10,054 | 3,725 | 4,014 | 4,484 | 4,990 | 5,74 |
| Sioux City | 6,438 | 7,099 | 7,854 | 8,619 | 9,299 | 771 | 854 | 942 | 1,017 | 1,08 |
| Waterloo, Cedar Falls | 6,644 | 7,515 | 8,124 | 9,198 | 10,206 | 901 | 1,027 | 1,130 | 1,285 | 1,41 |
| All SMSA's | 6,396 | 7,504 | 8,353 | 9,319 | 10,153 | 1,372,833 | 1,105,510 | 1,341,218 | 1,507,953 | 1,736,22 |

[1]Reflects income at place of residence.
Source: Survey of Current Business, April 1982, U.S. Department of Commerce.

# 1980 earnings by industrial source, smsa's (thousands)

| | Cedar Rapids | Davenport Rock Island Moline | Des Moines | Dubuque | Iowa City | Omaha Council Bluffs | Sioux City | Waterloo Cedar Falls |
|---|---|---|---|---|---|---|---|---|
| Total Labor and Proprietors Income by Place of Work: | | | | | | | | |
| By Type: | | | | | | | | |
| Wage and Salary Disbursements | $1,266,910 | $2,746,587 | $2,636,802 | $670,387 | $405,218 | $3,928,912 | $ 667,928 | $1,061,967 |
| Other Labor Income | 138,866 | 299,629 | 256,661 | 72,267 | 35,906 | 356,536 | 68,882 | 113,408 |
| Proprietors Income | 81,985 | 149,118 | 235,210 | 50,954 | 37,966 | 373,204 | 97,218 | 65,850 |
| Farm | 2,139 | −11,451 | 6,777 | −597 | 2,711 | 9,700 | 12,565 | 1,414 |
| Nonfarm | 79,846 | 160,569 | 228,433 | 51,551 | 36,255 | 363,495 | 84,653 | 64,436 |
| By Industry: | | | | | | | | |
| Farm | 7,519 | −483 | 15,068 | 2,438 | 6,412 | 19,791 | 20,327 | 6,761 |
| Nonfarm | 1,480,242 | 3,195,817 | 3,113,605 | 791,170 | 562,768 | 4,637,961 | 813,701 | 1,234,464 |
| Private | 1,349,589 | 2,796,643 | 2,675,143 | 736,488 | 305,831 | 3,801,648 | 721,365 | 1,104,590 |
| Manufacturing | 627,193 | 1,359,599 | 534,714 | 393,551 | 62,445 | 680,952 | 200,256 | 631,350 |
| Mining | 3,767 | 4,482 | 4,076 | 37,701 | 1,105 | 4,258 | D | 315 |
| Contract Construction | 627,193 | 183,290 | 198,513 | 1,386 | 34,119 | 271,990 | 55,947 | 59,502 |
| Wholesale and Retail Trade | 235,873 | 534,756 | 635,491 | 107,567 | 78,154 | D | D | 158,434 |
| Finance, Insurance, and Real Estate | 84,095 | 138,708 | 401,374 | 23,805 | 19,525 | 435,726 | 55,612 | 40,206 |
| Transp., Comm., & Public Utilities | 93,495 | 193,716 | 280,414 | 41,061 | 22,161 | 633,962 | 86,041 | 57,563 |
| Services | 212,578 | 375,664 | 612,054 | 126,348 | 87,518 | D | 158,096 | 155,729 |
| Government | 130,653 | 399,174 | 438,462 | 54,682 | 256,937 | 836,313 | 92,336 | 129,874 |
| Federal, Civilian | 20,275 | 138,279 | 115,146 | 7,616 | 24,559 | 160,626 | 19,267 | 12,054 |
| Federal, Military | 2,273 | 9,369 | 6,149 | 1,722 | 1,438 | 210,024 | 1,610 | 1,963 |
| State and Local | 108,105 | 251,526 | 317,167 | 45,344 | 230,940 | 465,663 | 71,450 | 115,857 |
| Derivation of Personal Income by Place of Residence: | | | | | | | | |
| Total Labor and Proprietors Income by Place of Work | 1,487,761 | 3,195,334 | 3,128,673 | 793,608 | 569,180 | 4,657,752 | 834,028 | 1,241,225 |
| Less: Personal Contributions for Social Insurance by Place of Work | 87,201 | 181,059 | 182,787 | 47,081 | 28,244 | 279,957 | 49,976 | 72,117 |
| Net Labor and Proprietors Income by Place of Work | 1,400,500 | 3,014,275 | 2,945,886 | 746,527 | 540,936 | 4,377,795 | 784,052 | 1,169,108 |
| Plus: Residence Adjustment | −62,573 | −129,545 | −204,009 | −111,536 | −26,560 | −168,954 | −33,339 | −130,424 |
| Net Labor and Proprietors Income by Place of Residence | 1,337,987 | 2,884,730 | 2,741,787 | 634,991 | 514,376 | 4,208,841 | 750,713 | 1,038,684 |
| Plus: Dividends, Interest, and Rent | 295,771 | 644,909 | 590,461 | 155,493 | 130,034 | 893,379 | 194,895 | 218,379 |
| Plus: Transfer of Payments | 180,062 | 443,000 | 401,066 | 101,560 | 66,999 | 640,883 | 147,961 | 154,257 |
| Personal Income by Place of Residence | 1,813,829 | 3,972,620 | 3,733,314 | 892,653 | 711,319 | 5,748,108 | 1,083,569 | 1,411,326 |
| Per Capita Income | 10,098 | 10,322 | 11,016 | 9,494 | 8,898 | 10,054 | 9,299 | 10,206 |

(D) = Data not shown to avoid disclosure.
Source: Local Area Personal Income, 1975-1980, U.S. Department of Commerce.

# Iowa government finances healthy

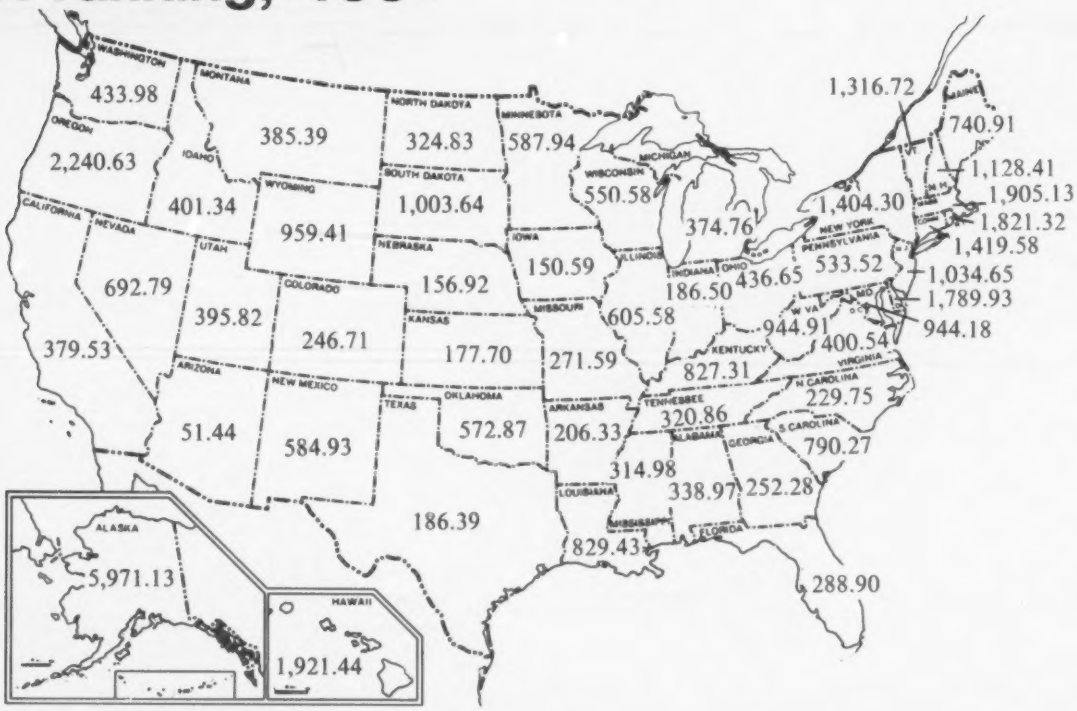
The Iowa Treasury is healthy. Iowa per capita debt is the nation's second lowest. This means that Iowa's future is not mortgaged, and more tax revenue is spent to accomplish programs instead of paying interest.

Amounts spent by Iowa's state and local government establishes the median (half above and half below) for the nation, with greater emphasis on education and highways than found in most other states.

Iowa exempts from its three percent sales and use tax, food and drugs, thus reducing the "family" impact of this tax; and it is phasing out its county personal property taxes, another example of lessening the tax bite on "families".

"Fiscal stability" is the term often used to describe Iowa's finances. When Iowa does borrow, it qualifies for low interest rates because of its low indebtedness and its "fiscal stability".

# here's Iowa's low per capita debt ranking, 1981




rce: State Government Finances in 1981, U.S. Department of Commerce, Bureau of the Census.

# owa low spender on welfare, police, corrections

| | Per Capita | | Thousands of Dollars | |
|---|---|---|---|---|
| | U.S. | IOWA | U.S. | Iowa |
| tal General Expenditures | $1,122.81 | $1,101.76 | $253,653,877 | $3,210,327 |
| Education | 429.03 | 485.65 | 96,920,888 | 1,415,088 |
| Highways | 112.61 | 157.39 | 25,439,195 | 458,601 |
| Public Welfare | 227.80 | 187.08 | 51,462,737 | 545,106 |
| Health & Hospital | 91.15 | 82.96 | 20,592,346 | 241,739 |
| Police Protection | 11.32 | 7.29 | 2,558,215 | 21,239 |
| Corrections | 22.55 | 17.79 | 5,093,484 | 51,831 |
| Employment Security Administration | 10.04 | 9.98 | 2,269,037 | 29,086 |
| Natural Resources | 22.17 | 27.76 | 5,008,355 | 80,879 |
| Financial Administration | 14.74 | 12.60 | 3,330,655 | 36,702 |
| General Control | 15.14 | 8.80 | 3,419,200 | 25,640 |
| Interest Debt | 34.72 | 7.68 | 7,843,553 | 22,373 |

Source: State Governmental Finances in 1981, U.S. Department of Commerce, Bureau of the Census.

# relation of selected government finances to personal income: 1981

| | General Revenue Per $1,000 Personal Income | | | | | | General Expenditures Per $1,000 Personal Income | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Taxes | | | | | Education | | | | |
| | Total | Revenue from Federal Government | Total[1] | General Sales or Gross Receipts | Individual Income | Charges and Miscellaneous | Total[1] | Total[1] | Intergovernmental | State Institutions of Higher Education | Public Welfare | Highways |
| U.S. Average | 119.78 | 31.49 | 69.48 | 21.53 | 18.97 | 17.46 | 117.69 | 44.97 | 26.57 | 14.61 | 23.88 | 11.80 |
| Illinois | 98.74 | 26.41 | 60.80 | 19.37 | 16.92 | 10.67 | 97.78 | 35.79 | 22.75 | 10.00 | 23.32 | 12.01 |
| Indiana | 99.24 | 24.98 | 57.12 | 27.68 | 13.07 | 16.87 | 101.07 | 45.54 | 22.84 | 19.60 | 13.89 | 12.03 |
| IOWA | 114.45 | 29.21 | 67.18 | 18.84 | 24.64 | 16.70 | 117.47 | 51.78 | 30.54 | 18.52 | 19.95 | 16.78 |
| Kansas | 100.40 | 26.56 | 58.88 | 19.00 | 17.55 | 14.32 | 100.52 | 42.75 | 23.10 | 17.50 | 18.04 | 16.35 |
| Minnesota | 142.71 | 36.12 | 84.89 | 17.28 | 35.14 | 20.07 | 138.69 | 51.33 | 29.47 | 19.18 | 27.14 | 13.68 |
| Missouri | 85.69 | 26.56 | 48.40 | 17.78 | 15.13 | 10.46 | 90.49 | 35.57 | 21.44 | 12.37 | 18.04 | 11.53 |
| Nebraska | 101.00 | 26.65 | 54.55 | 19.08 | 13.65 | 17.93 | 101.42 | 33.65 | 12.95 | 17.79 | 14.28 | 17.32 |
| Ohio | 90.78 | 24.11 | 51.18 | 15.98 | 11.08 | 14.53 | 96.57 | 37.85 | 21.58 | 14.93 | 20.51 | 9.31 |
| South Dakota | 135.69 | 48.97 | 55.07 | 29.22 | 0 | 30.29 | 148.20 | 41.34 | 16.73 | 21.68 | 20.55 | 27.74 |
| Wisconsin | 136.90 | 36.67 | 82.31 | 20.44 | 37.53 | 17.02 | 138.18 | 45.83 | 23.42 | 19.33 | 34.58 | 11.16 |

[1] Includes amounts for categories not shown separately.
Source: State Government Finances in 1981, U.S. Department of Commerce, Bureau of the Census, Table 6.

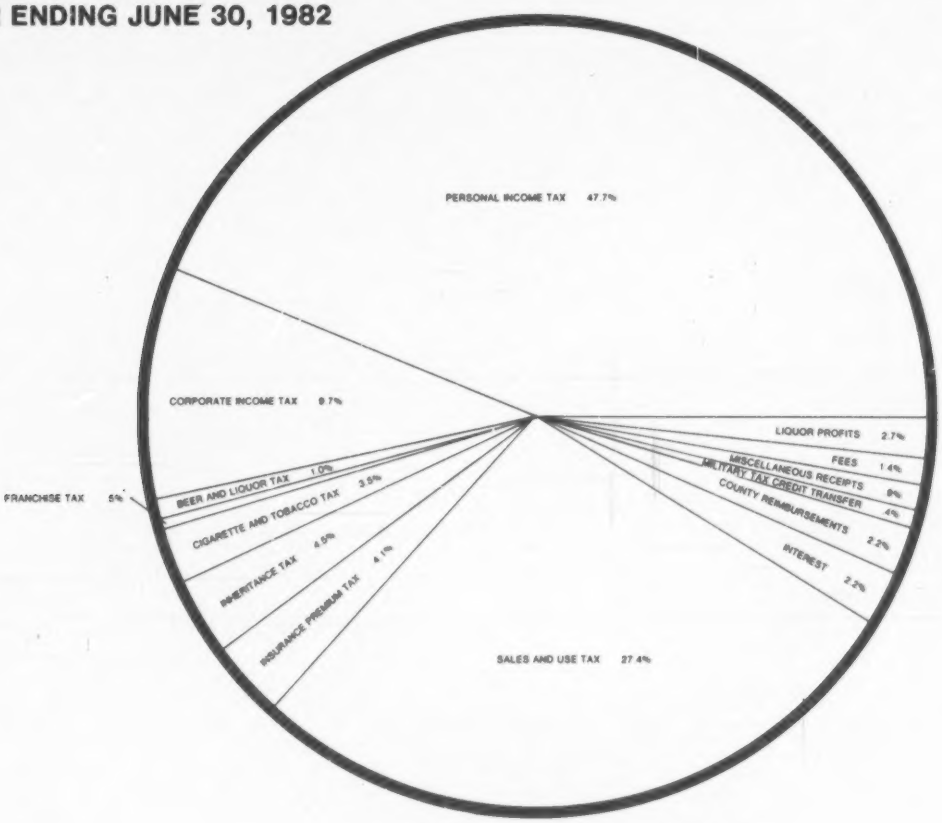
# aggregate tax amounts collectible in fiscal year 1981-1982

| | Cities | Rural Areas | State |
|---|---|---|---|
| District School Tax (General Fund) | $354,303,225 | $313,746,146 | $ 668,049,37 |
| District School Tax (Schoolhouse Fund) | 38,021,822 | 36,449,758 | 74,471,58 |
| Area Vocational School Tax | 11,891,527 | 12,532,683 | 24,424,21 |
| City Tax | 289,485,751 | — | 289,485,75 |
| General County Tax | 21,661,828 | 23,197,196 | 44,859,02 |
| County F.I.C.A. & I.P.E.R.S. | 4,426,253 | 4,073,780 | 8,500,03 |
| Emergency Tax | 876,484 | 186,826 | 1,063,31 |
| Poor Tax | 11,778,841 | 9,433,918 | 21,212,75 |
| Mental Health & Institutions Tax | 42,001,264 | 35,368,048 | 77,369,31 |
| Veterans Affairs Tax | 2,440,638 | 2,010,539 | 4,451,17 |
| Court Expense Tax | 24,648,381 | 16,416,177 | 41,064,55 |
| County Bond Tax | 2,881,436 | 2,341,019 | 5,222,45 |
| Fairgrounds, County Fair & 4H Clubs | 1,082,067 | 1,443,431 | 2,525,49 |
| County Tort Liability Tax | 1,469,653 | 1,601,816 | 3,071,46 |
| Bang's & T.B. Eradication Taxes | 228,214 | 482,798 | 711,01 |
| County Conservation Tax | 5,628,457 | 5,586,602 | 11,215,05 |
| Secondary Roads Tax | 3,678,966 | 85,532,273 | 89,211,23 |
| Road Clearing & Weed Eradication | — | 4,935,712 | 4,935,71 |
| Sanitary Disposal & Disposal Ground | — | 2,417,179 | 2,417,17 |
| County Library & Library Contract | — | 2,419,547 | 2,419,54 |
| Election Expense Tax | 1,982,247 | 1,427,853 | 3,410,10 |
| Unemploymet Compensation Tax | 325,413 | 330,033 | 655,44 |
| Agricultural Extension District Tax | 1,889,871 | 3,088,807 | 4,978,67 |
| Assessors & Special Appraiser Taxes | 7,828,901 | 7,875,602 | 15,704,50 |
| County Hospital Tax | 11,090,333 | 8,615,736 | 19,706,06 |
| Township General Tax | 64,991 | 9,130,080 | 9,195,07 |
| Miscellaneous Other Taxes | 12,868,116 | 2,801,665 | 15,669,78 |
| TOTAL OF ALL AGGREGATE TAX AMOUNTS | $852,554,679 | $539,445,224 | $1,445,999,90 |
| AVERAGE TAX RATE (Aggregate Tax divided by Taxable Value x 1,000) | $ 30.19155 | $ 19.82013 | $ 24.8540 |
| MONEYS AND CREDITS TAX | $ 430,707 | $ 24,306 | $ 455,01 |
| GRAIN HANDLED TAX (25¢ per 1,000 Bushels) | $ 378,390 | $ 69,869 | $ 448,25 |

Source: Report of 1980 Property Valuations and Taxes Collected in Fiscal Year 1981-1982, reprinted by County Auditors and compiled by Iowa Department of Revenue.

# general fund receipts (dollars in millions)

## FISCAL YEAR ENDING JUNE 30, 1982




**Twelve Months Actual Through June**

**(in millions)**

| | 1981 | 1982 |
|---|---|---|
| SPECIAL TAXES | | |
| Personal Income Tax | $ 769.8 | $ 837.2 |
| Sales and Use Tax | 474.6 | 481.6 |
| Corporate Income Tax | 148.2 | 170.0 |
| Inheritance Tax | 55.0 | 79.8 |
| Insurance Premium Tax | 45.7 | 71.4 |
| Cigarette and Tobacco Tax | 49.8 | 61.1 |
| Beer and Liquor Tax | 16.9 | 16.9 |
| Franchise Tax | 9.6 | 8.2 |
| Miscellaneous Tax | 1.3 | 1.4 |
| TOTAL SPECIAL TAXES | $1,570.9 | $1,727.6 |
| County Treasurers | 33.4 | 39.2 |
| Liquor Profits | 39.6 | 46.8 |
| Interest | 39.0 | 38.6 |
| Fees | 21.8 | 25.7 |
| Federal Revenue Sharing | 14.6 | 0 |
| Military Tax Credit Transfer | 2.0 | 6.4 |
| GROSS RECEIPTS | $1,740.7 | $1,901.0 |
| Less Refunds | 112.3 | 146.8 |
| Net Receipts | $1,628.4 | $1,754.2 |

Source: State of Iowa General Fund Financial Report, Office of the State Comptroller.

# Iowa tax revenues, by type of tax (dollars in thousands)

| Tax Source | 1960 | 1965 | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Sales and Gross Receipts | $163,646 | $191,677 | $379,557 | $484,146 | $612,249 | $671,827 | $778,242 | $785,60 |
| General sales or gross receipts—sales and use | 80,680 | 92,741 | 223,464 | 283,758 | 376,212 | 405,655 | 502,055 | 514,72 |
| Selective sales and gross receipts | 82,966 | 98,936 | 156,093 | 200,388 | 236,037 | 266,172 | 276,187 | 270,87 |
| Motor Fuels | 60,359 | 65,693 | 100,831 | 118,923 | 136,131 | 162,098 | 167,463 | 156,86 |
| Refunds | –14,370 | –13,889 | –15,500 | –11,618 | –6,862 | –8,768 | –10,468 | –8,63 |
| Gross collections | 74,730 | 79,581 | 116,331 | 130,541 | 143,023 | 170,866 | 177,931 | 165,49 |
| Alcoholic beverages | 3,235 | 7,359 | 9,048 | 13,300 | 15,688 | 16,474 | 16,403 | 17,01 |
| Beer | 3,235 | 3,420 | 5,796 | 8,516 | 9,498 | 10,146 | 10,146 | 10,12 |
| Tax (10% prior to 1967, 15% from 1967) | — | 3,939 | 3,252 | 4,784 | NA | NA | 6,505 | 6,89 |
| Tobacco products—cigarettes | 11,489 | 15,209 | 29,824 | 44,293 | 47,003 | 46,250 | 46,551 | 49,85 |
| Insurance—gross premiums | 7,497 | 10,275 | 15,704 | 23,592 | 35,836 | 39,398 | 43,740 | 45,72 |
| Other—butterfat | 386 | 400 | 686 | 280 | 288 | 267 | 252 | 25 |
| License | 50,728 | 62,070 | 90,040 | 124,243 | 151,949 | 164,774 | 176,985 | 183,49 |
| Motor vehicles | 43,631 | 54,297 | 75,106 | 99,767 | 121,369 | 128,707 | 132,742 | 144,09 |
| General | 43,423 | 54,119 | 74,851 | 99,589 | 121,209 | 128,536 | 132,558 | 143,88 |
| Truckers | 146 | 178 | 255 | 178 | 160 | 171 | 184 | 20 |
| Motor vehicle operation | 2,679 | 2,879 | 5,622 | 6,341 | | 6,341 | 6,657 | 5,91 |
| Corporations in general—filing and qualifications | 286 | 319 | 602 | 1,002 | 5,327<br>6,491 | 10,467 | 1,553 | 1,77 |
| Public utilities | 28 | 27 | 34 | 34 | 70 | 80 | 119 | 4 |
| Alcoholic beverages | 65 | 36 | 2,373 | 4,700 | 4,566 | 4,681 | 4,720 | 4,81 |
| Occupations and businesses, not elsewhere classified | 2,191 | 2,398 | 3,305 | 6,350 | 7,778 | 7,874 | 8,865 | 9,66 |
| Animal health and veterinarian fees | 317 | 686 | 758 | 2,110 | 1,462 | 1,153 | 1,571 | 1,77 |
| Bank examinations | 465 | 559 | 1,070 | 1,605 | 2,180 | 2,151 | 2,183 | 2,42 |
| Insurance Commission | 352 | 322 | 526 | 813 | 1,103 | 1,191 | 1,517 | 1,88 |
| Other | 1,057 | 831 | 951 | 1,822 | 3,033 | 3,379 | 1,287 | N/I |
| Hunting and fishing | 1,517 | 1,970 | 2,593 | 4,676 | 4,134 | 4,872 | 5,571 | 5,59 |
| Other | 331 | 144 | 405 | 1,373 | 888 | 1,752 | 1,073 | 1,29 |
| Boat and aircraft registration | — | 135 | 389 | 1,359 | 863 | 1,734 | 1,853 | 1,91 |
| Tax permits | 13 | 9 | 16 | 14 | 25 | 18 | 18 | 2 |
| Individual income | 36,671 | 57,554 | 112,746 | 358,899 | 490,210 | 558,879 | 602,385 | 673,47 |
| Corporation net income | 3,807 | 5,887 | 24,273 | 63,612 | 108,961 | 130,074 | 138,564 | 135,86 |
| Property-special-car equipment | 3,641 | 4,078 | 4,063 | 115 | 92 | N/A | N/A | N/A |
| Death and Gift inheritance and estate | 7,294 | 10,020 | 16,767 | 29,460 | 36,808 | 40,717 | 47,668 | 54,97 |
| Documentary and Stock Transfer | — | — | 881 | 1,485 | 3,013 | 3,077 | 2,984 | 2,40 |

[1]Tax repealed effective June 5, 1978, and replaced by "Public Utilities - Freight Lines," tax above.
Source: State Government Tax Collection in 1981, U.S. Department of Commerce, Bureau of the Census.

# state sales, gasoline, gasohol, and cigarette tax rates — 1982 (midwest)

| State | Sales Tax[1] Rate | Gasoline Tax Per Gallon | Gasohol[2] Tax & Exemption Per Gallon | Cigarette Tax Per Package |
|---|---|---|---|---|
| Illinois | 4.0% | 7.5¢ | 3.0% | 12.0¢ |
| Indiana | 4.0 | 11.1 | 4.0% | 10.5 |
| IOWA | 3.0 | 13.0 | 5.0¢ | 18.0 |
| Kansas | 3.0 | 8.0 | 2.0¢ | 11.0 |
| Minnesota | 5.0 | 13.0 | 0 | 18.0 |
| Missouri | 3.125 | 7.0 | 0 | 13.0 |
| Nebraska | 3.5 | 13.9 | 5.0¢ | 18.0 |
| Ohio | 5.1 | 11.7 | 3.5¢ | 14.0 |
| South Dakota | 4.0 | 13.0 | 4.0¢ | 15.0 |
| Wisconsin | 5.0 | 13.0 | 0 | 25.0 |

[1]Source: State Tax Reveiw.
[2]Source: ADM Corn Sweetner Company, Decatur, Illinois.

# property valuation and tax levies by property class. Iowa counties, 1982.

**DAIR unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 54,015 | 1,223 | 21.4 |
| Ag Land | 159,763 | 2,900 | 50.7 |
| Ag Building | 17,814 | 324 | 5.7 |
| Commercial | 18,216 | 457 | 8.0 |
| Industrial | 1,310 | 34 | .6 |
| Personal | 14,150 | 285 | 5.0 |
| Personal Real | 455 | 11 | .2 |
| Utilities | 28,009 | 522 | 9.1 |
| Total | 292,065 | 5,721 | 100.0 |

**DAMS unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 24,947 | 598 | 16.7 |
| Ag Land | 110,509 | 2,045 | 57.1 |
| Ag Building | 11,119 | 206 | 5.7 |
| Commercial | 5,761 | 146 | 4.1 |
| Industrial | 947 | 19 | .5 |
| Personal | 7,178 | 142 | 4.0 |
| Personal Real | 898 | 19 | .5 |
| Utilities | 23,175 | 433 | 12.1 |
| Total | 183,509 | 3,585 | 100.0 |

**LLAMAKEE unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 92,006 | 2,146 | 29.8 |
| Ag Land | 88,059 | 1,725 | 24.0 |
| Ag Building | 33,230 | 651 | 9.0 |
| Commercial | 24,495 | 601 | 8.4 |
| Industrial | 5,266 | 114 | 1.6 |
| Personal | 16,160 | 339 | 4.7 |
| Personal Real | 3,145 | 71 | 1.0 |
| Utilities | 85,874 | 1,590 | 22.1 |
| Total | 346,490 | 7,190 | 100.0 |

**PPANOOSE unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 83,650 | 2,464 | 37.4 |
| Ag Land | 85,850 | 1,883 | 28.6 |
| Ag Building | 3,909 | 86 | 1.3 |
| Commercial | 24,336 | 827 | 12.6 |
| Industrial | 13,435 | 428 | 6.5 |
| Personal | 12,448 | 346 | 5.3 |
| Personal Real | 194 | 6 | .1 |
| Utilities | 24,084 | 626 | 9.5 |
| Total | 245,196 | 6,586 | 100.0 |

**UDUBON unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 53,444 | 1,256 | 24.3 |
| Ag Land | 145,525 | 2,668 | 51.5 |
| Ag Building | 20,027 | 368 | 7.1 |
| Commercial | 11,580 | 291 | 5.6 |
| Industrial | 1,301 | 33 | .6 |
| Personal | 12,985 | 258 | 5.0 |
| Personal Real | 427 | 11 | .2 |
| Utilities | 16,713 | 320 | 6.2 |
| Total | 260,349 | 5,179 | 100.0 |

**NTON unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 152,014 | 3,982 | 29.9 |
| Ag Land | 268,079 | 5,653 | 42.4 |
| Ag Building | 47,967 | 1,011 | 7.6 |
| Commercial | 40,185 | 1,122 | 8.4 |
| Industrial | 4,372 | 130 | 1.0 |
| Personal | 29,666 | 686 | 5.1 |
| Personal Real | 4,730 | 138 | 1.0 |
| Utilities | 32,142 | 722 | 5.4 |
| Total | 575,120 | 13,339 | 100.0 |

**ACK HAWK unty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 1,184,445 | 35,446 | 51.2 |
| Ag Land | 205,147 | 4,366 | 6.3 |
| Ag Building | 29,664 | 633 | .9 |
| Commercial | 409,150 | 12,590 | 18.2 |
| Industrial | 99,649 | 3,081 | 4.4 |
| Personal | 103,940 | 3,051 | 4.4 |
| Personal Real | 193,976 | 6,005 | 8.7 |
| Utilities | 163,975 | 4,679 | 6.8 |
| Total | 2,367,856 | 69,296 | 100.0 |

**BOONE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 189,704 | 5,209 | 38.3 |
| Ag Land | 257,925 | 4,722 | 34.7 |
| Ag Building | 18,583 | 344 | 2.5 |
| Commercial | 52,404 | 1,444 | 10.6 |
| Industrial | 7,601 | 169 | 1.2 |
| Personal | 20,492 | 459 | 3.4 |
| Personal Real | 2,347 | 52 | .4 |
| Utilities | 60,962 | 1,329 | 9.8 |
| Total | 605,331 | 13,598 | 100.0 |

**BREMER County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 196,946 | 5,046 | 44.9 |
| Ag Land | 152,729 | 3,134 | 27.9 |
| Ag Building | 26,495 | 544 | 4.8 |
| Commercial | 42,884 | 1,121 | 10.0 |
| Industrial | 10,884 | 277 | 2.5 |
| Personal | 21,121 | 487 | 4.3 |
| Personal Real | 3,914 | 99 | .9 |
| Utilities | 27,591 | 613 | 5.5 |
| Total | 478,881 | 11,227 | 100.0 |

**BUCHANAN County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 147,174 | 3,813 | 36.0 |
| Ag Land | 210,794 | 4,198 | 39.6 |
| Ag Building | 29,185 | 581 | 5.5 |
| Commercial | 28,022 | 783 | 7.4 |
| Industrial | 7,940 | 208 | 2.0 |
| Personal | 19,291 | 426 | 4.0 |
| Personal Real | 3,276 | 95 | .9 |
| Utilities | 28,496 | 604 | 5.7 |
| Total | 470,474 | 10,614 | 100.0 |

**BUENA VISTA County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 161,625 | 3,676 | 32.6 |
| Ag Land | 244,813 | 4,320 | 38.3 |
| Ag Building | 29,493 | 520 | 4.6 |
| Commercial | 58,899 | 1,433 | 12.7 |
| Industrial | 7,376 | 176 | 1.6 |
| Personal | 24,812 | 513 | 4.5 |
| Personal Real | 962 | 23 | .2 |
| Utilities | 36,080 | 704 | 6.2 |
| Total | 560,261 | 11,281 | 100.0 |

**BUTLER County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 125,287 | 2,726 | 30.6 |
| Ag Land | 253,625 | 4,328 | 48.6 |
| Ag Building | 21,959 | 365 | 4.2 |
| Commercial | 22,361 | 510 | 5.7 |
| Industrial | 3,308 | 68 | .8 |
| Personal | 18,754 | 347 | 3.9 |
| Personal Real | 1,650 | 31 | .4 |
| Utilities | 30,851 | 582 | 6.5 |
| Total | 474,798 | 8,902 | 100.0 |

**CALHOUN County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 93,522 | 2,200 | 24.1 |
| Ag Land | 300,891 | 5,127 | 56.1 |
| Ag Building | 8,690 | 148 | 1.6 |
| Commercial | 25,184 | 643 | 7.0 |
| Industrial | 9,334 | 226 | 2.5 |
| Personal | 18,227 | 350 | 3.8 |
| Personal Real | 921 | 23 | .3 |
| Utilities | 25,169 | 490 | 5.4 |
| Total | 479,463 | 9,147 | 100.0 |

**CARROLL County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 165,701 | 3,843 | 32.5 |
| Ag Land | 242,710 | 4,305 | 36.5 |
| Ag Building | 31,250 | 546 | 4.6 |
| Commercial | 70,456 | 1,596 | 13.5 |
| Industrial | 11,341 | 276 | 2.3 |
| Personal | 23,587 | 483 | 4.0 |
| Personal Real | 9,221 | 227 | 1.9 |
| Utilities | 31,966 | 618 | 5.2 |
| Total | 582,384 | 11,808 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

| CASS County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 106,019 | 2,729 | 30.5 |
| | Ag Land | 183,118 | 3,520 | 39.3 |
| | Ag Building | 25,378 | 489 | 5.5 |
| | Commercial | 32,995 | 870 | 9.7 |
| | Industrial | 5,531 | 139 | 1.6 |
| | Personal | 18,837 | 406 | 4.5 |
| | Personal Real | 3,702 | 90 | 1.0 |
| | Utilities | 35,501 | 764 | 8.5 |
| | Total | 408,147 | 8,950 | 100.0 |

| CEDAR County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 153,004 | 3,324 | 32.4 |
| | Ag Land | 227,185 | 4,234 | 41.2 |
| | Ag Building | 37,551 | 695 | 6.8 |
| | Commercial | 34,905 | 787 | 7.7 |
| | Industrial | 14,086 | 293 | 2.9 |
| | Personal | 19,834 | 392 | 3.8 |
| | Personal Real | 6,049 | 126 | 1.2 |
| | Utilities | 24,829 | 479 | 4.7 |
| | Total | 514,552 | 10,267 | 100.0 |

| CERRO GORDO County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 417,531 | 10,599 | 42.7 |
| | Ag Land | 235,824 | 4,426 | 17.9 |
| | Ag Building | 29,085 | 545 | 2.2 |
| | Commercial | 154,054 | 4,010 | 16.2 |
| | Industrial | 54,827 | 1,493 | 6.0 |
| | Personal | 52,291 | 1,240 | 5.0 |
| | Personal Real | 46,127 | 1,274 | 5.1 |
| | Utilities | 64,933 | 1,429 | 5.8 |
| | Total | 1,045,341 | 24,775 | 100.0 |

| CHEROKEE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 93,952 | 2,358 | 27.6 |
| | Ag Land | 192,751 | 3,382 | 39.6 |
| | Ag Building | 26,227 | 459 | 5.4 |
| | Commercial | 41,899 | 1,114 | 13.1 |
| | Industrial | 8,088 | 191 | 2.2 |
| | Personal | 21,029 | 425 | 5.0 |
| | Personal Real | 3,381 | 79 | .9 |
| | Utilities | 29,733 | 599 | 7.0 |
| | Total | 414,180 | 8,536 | 100.0 |

| CHICKASAW County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 112,919 | 2,525 | 30.7 |
| | Ag Land | 179,908 | 3,340 | 40.6 |
| | Ag Building | 26,227 | 459 | 5.4 |
| | Commercial | 41,899 | 1,114 | 13.1 |
| | Industrial | 8,088 | 191 | 2.2 |
| | Personal | 21,029 | 425 | 5.0 |
| | Personal Real | 3,381 | 79 | .9 |
| | Utilities | 29,733 | 599 | 7.0 |
| | Total | 414,180 | 8,536 | 100.0 |

| CLARKE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 54,656 | 1,363 | 29.0 |
| | Ag Land | 78,999 | 1,656 | 35.3 |
| | Ag Building | 8,649 | 182 | 3.9 |
| | Commercial | 16,686 | 426 | 9.1 |
| | Industrial | 7,460 | 199 | 4.3 |
| | Personal | 6,665 | 155 | 3.3 |
| | Personal Real | 8,359 | 223 | 4.8 |
| | Utilities | 23,771 | 520 | 11.1 |
| | Total | 203,701 | 4,686 | 100.0 |

| CLAY County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 164,750 | 3,780 | 31.6 |
| | Ag Land | 241,752 | 3,913 | 32.7 |
| | Ag Building | 22,943 | 370 | 3.1 |
| | Commercial | 90,133 | 2,230 | 18.7 |
| | Industrial | 9,141 | 198 | 1.7 |
| | Personal | 28,766 | 592 | 5.0 |
| | Personal Real | 9,839 | 204 | 1.7 |
| | Utilities | 41,384 | 738 | 6.2 |
| | Total | 605,458 | 11,952 | 100.0 |

| CLAYTON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 125,888 | 3,416 | 35.0 |
| | Ag Land | 145,090 | 3,169 | 32.5 |
| | Ag Building | 41,008 | 898 | 9.2 |
| | Commercial | 29,300 | 859 | 8.8 |
| | Industrial | 4,896 | 180 | 1.4 |
| | Personal | 17,921 | 421 | 4.3 |
| | Personal Real | 1,620 | 37 | .4 |
| | Utilities | 38,013 | 893 | 9.2 |
| | Total | 400,763 | 9,757 | 100.0 |

| CLINTON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 415,528 | 11,717 | 40.5 |
| | Ag Land | 251,304 | 4,998 | 17.3 |
| | Ag Building | 24,491 | 489 | 1.7 |
| | Commercial | 117,272 | 3,494 | 12.1 |
| | Industrial | 4,896 | 180 | 1.4 |
| | Personal | 17,921 | 421 | 4.3 |
| | Personal Real | 1,620 | 37 | .4 |
| | Utilities | 38,013 | 893 | 9.2 |
| | Total | 400,763 | 9,757 | 100.0 |

| CRAWFORD County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 115,368 | 2,610 | 27.8 |
| | Ag Land | 213,527 | 3,796 | 40.5 |
| | Ag Building | 34,437 | 615 | 6.6 |
| | Commercial | 45,051 | 1,062 | 11.3 |
| | Industrial | 11,581 | 264 | 2.8 |
| | Personal | 23,007 | 456 | 4.9 |
| | Personal Real | 4,012 | 92 | 1.0 |
| | Utilities | 28,908 | 543 | 5.8 |
| | Total | 472,945 | 9,374 | 100.0 |

| DALLAS County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 239,665 | 6,343 | 39.1 |
| | Ag Land | 229,679 | 4,627 | 28.5 |
| | Ag Building | 24,150 | 487 | 3.0 |
| | Commercial | 67,342 | 1,871 | 11.5 |
| | Industrial | 9,750 | 233 | 1.4 |
| | Personal | 24,315 | 575 | 3.5 |
| | Personal Real | 5,880 | 147 | .9 |
| | Utilities | 94,451 | 2,076 | 12.8 |
| | Total | 690,065 | 16,218 | 100.0 |

| DAVIS County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 44,267 | 1,227 | 27.1 |
| | Ag Land | 97,437 | 2,040 | 45.1 |
| | Ag Building | 21,021 | 440 | 9.7 |
| | Commercial | 10,423 | 327 | 7.2 |
| | Industrial | 1,414 | 47 | 1.0 |
| | Personal | 8,043 | 194 | 4.3 |
| | Personal Real | 115 | 4 | .1 |
| | Utilities | 13,276 | 282 | 6.2 |
| | Total | 194,542 | 4,552 | 100.0 |

| DECATUR County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 43,318 | 1,100 | 26.2 |
| | Ag Land | 93,259 | 1,855 | 44.2 |
| | Ag Building | 11,904 | 236 | 5.6 |
| | Commercial | 11,606 | 314 | 7.5 |
| | Industrial | 1,805 | 44 | 1.0 |
| | Personal | 7,559 | 170 | 4.1 |
| | Personal Real | 1,104 | 28 | .7 |
| | Utilities | 27,422 | 471 | 11.2 |
| | Total | 191,617 | 4,196 | 100.0 |

| DELAWARE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 123,897 | 2,989 | 33.3 |
| | Ag Land | 135,173 | 2,865 | 31.9 |
| | Ag Building | 55,641 | 1,180 | 13.1 |
| | Commercial | 26,106 | 661 | 7.4 |
| | Industrial | 6,113 | 157 | 1.8 |
| | Personal | 18,162 | 418 | 4.7 |
| | Personal Real | 7,478 | 191 | 2.1 |
| | Utilities | 26,468 | 584 | 6.5 |
| | Total | 396,310 | 8,977 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

**DES MOINES County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 330,163 | 10,166 | 46.3 |
| Ag Land | 123,218 | 2,545 | 11.6 |
| Ag Building | 18,788 | 384 | 1.8 |
| Commercial | 107,266 | 3,376 | 15.4 |
| Industrial | 50,237 | 1,580 | 7.2 |
| Personal | 44,877 | 1,322 | 6.0 |
| Personal Real | 36,236 | 1,112 | 5.1 |
| Utilities | 63,258 | 1,655 | 7.5 |
| Total | 765,439 | 21,958 | 100.0 |

**DICKINSON County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 229,858 | 5,321 | 50.8 |
| Ag Land | 150,749 | 2,451 | 23.4 |
| Ag Building | 16,641 | 272 | 2.6 |
| Commercial | 54,445 | 1,374 | 13.1 |
| Industrial | 3,110 | 89 | .9 |
| Personal | 14,276 | 304 | 2.9 |
| Personal Real | 4,326 | 124 | 1.2 |
| Utilities | 29,753 | 608 | 5.8 |
| Total | 500,038 | 10,470 | 100.0 |

**DUBUQUE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 713,597 | 21,139 | 52.7 |
| Ag Land | 92,208 | 2,036 | 5.1 |
| Ag Building | 53,140 | 1,171 | 2.9 |
| Commercial | 243,942 | 7,556 | 18.9 |
| Industrial | 102,949 | 2,703 | 6.7 |
| Personal | 67,519 | 1,945 | 4.9 |
| Personal Real | 52,011 | 1,407 | 3.5 |
| Utilities | 90,463 | 2,528 | 6.3 |
| Total | 1,402,378 | 40,076 | 100.0 |

**EMMET County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 90,366 | 2,461 | 32.5 |
| Ag Land | 170,698 | 3,168 | 41.8 |
| Ag Building | 9,093 | 171 | 2.3 |
| Commercial | 27,878 | 794 | 10.5 |
| Industrial | 7,449 | 179 | 2.4 |
| Personal | 19,201 | 426 | 5.6 |
| Personal Real | 5,474 | 133 | 1.8 |
| Utilities | 14,798 | 315 | 4.2 |
| Total | 342,613 | 7,583 | 100.0 |

**FAYETTE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 167,336 | 4,259 | 34.6 |
| Ag Land | 213,222 | 4,148 | 33.4 |
| Ag Building | 39,028 | 757 | 6.1 |
| Commercial | 47,616 | 1,286 | 10.3 |
| Industrial | 9,489 | 249 | 2.0 |
| Personal | 33,311 | 714 | 5.7 |
| Personal Real | 9,343 | 248 | 2.0 |
| Utilities | 38,311 | 832 | 6.7 |
| Total | 553,426 | 12,422 | 100.0 |

**FLOYD County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 132,144 | 3,368 | 31.5 |
| Ag Land | 196,432 | 3,781 | 35.4 |
| Ag Building | 27,337 | 528 | 5.0 |
| Commercial | 37,965 | 1,014 | 4.9 |
| Industrial | 14,780 | 363 | 3.4 |
| Personal | 26,252 | 584 | 5.5 |
| Personal Real | 12,755 | 329 | 3.1 |
| Utilities | 35,270 | 801 | 7.5 |
| Total | 479,496 | 10,681 | 100.0 |

**FRANKLIN County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 96,680 | 2,184 | 22.6 |
| Ag Land | 275,981 | 5,037 | 52.1 |
| Ag Building | 19,807 | 362 | 3.7 |
| Commercial | 16,065 | 388 | 4.0 |
| Industrial | 12,110 | 275 | 2.8 |
| Personal | 22,105 | 444 | 4.6 |
| Personal Real | 6,664 | 166 | 1.7 |
| Utilities | 44,383 | 861 | 8.9 |
| Total | 491,534 | 9,666 | 100.0 |

**FREMONT County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 43,763 | 1,023 | 16.1 |
| Ag Land | 189,362 | 3,540 | 55.8 |
| Ag Building | 17,373 | 324 | 5.1 |
| Commercial | 21,287 | 489 | 7.7 |
| Industrial | 4,417 | 86 | 1.4 |
| Personal | 11,466 | 227 | 3.6 |
| Personal Real | 8,084 | 166 | 2.6 |
| Utilities | 26,204 | 516 | 8.1 |
| Total | 320,691 | 6,341 | 100.0 |

**GREENE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 81,711 | 1,880 | 21.9 |
| Ag Land | 289,623 | 5,078 | 59.2 |
| Ag Building | 8,397 | 147 | 1.7 |
| Commercial | 26,586 | 647 | 7.6 |
| Industrial | 4,045 | 100 | 1.2 |
| Personal | 17,938 | 343 | 4.0 |
| Personal Real | 2,465 | 62 | .7 |
| Utilities | 19,920 | 372 | 4.3 |
| Total | 448,432 | 8,580 | 100.0 |

**GRUNDY County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 121,209 | 2,858 | 29.3 |
| Ag Land | 251,353 | 4,626 | 47.4 |
| Ag Building | 19,508 | 359 | 3.7 |
| Commercial | 17,606 | 450 | 4.6 |
| Industrial | 15,445 | 368 | 3.8 |
| Personal | 24,652 | 504 | 5.2 |
| Personal Real | 7,285 | 188 | 1.9 |
| Utilities | 23,895 | 462 | 4.7 |
| Total | 478,652 | 9,759 | 100.0 |

**GUTHRIE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 80,170 | 1,845 | 27.8 |
| Ag Land | 176,664 | 3,332 | 50.1 |
| Ag Building | 5,841 | 110 | 1.7 |
| Commercial | 21,106 | 552 | 8.3 |
| Industrial | 2,524 | 56 | .8 |
| Personal | 10,410 | 214 | 3.2 |
| Personal Real | 758 | 18 | .3 |
| Utilities | 29,131 | 570 | 8.6 |
| Total | 324,289 | 6,645 | 100.0 |

**HAMILTON County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 144,669 | 3,407 | 26.2 |
| Ag Land | 279,230 | 4,926 | 40.7 |
| Ag Building | 21,232 | 374 | 3.1 |
| Commercial | 51,832 | 1,261 | 10.4 |
| Industrial | 12,911 | 311 | 2.6 |
| Personal | 29,042 | 589 | 4.9 |
| Personal Real | 16,834 | 433 | 3.6 |
| Utilities | 42,185 | 864 | 7.1 |
| Total | 594,763 | 12,088 | 100.0 |

**HANCOCK County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 97,712 | 2,300 | 22.4 |
| Ag Land | 274,052 | 4,580 | 44.7 |
| Ag Building | 12,978 | 219 | 2.1 |
| Commercial | 30,487 | 766 | 7.5 |
| Industrial | 26,674 | 663 | 6.5 |
| Personal | 23,959 | 466 | 4.5 |
| Personal Real | 14,378 | 352 | 3.4 |
| Utilities | 55,618 | 958 | 9.3 |
| Total | 533,584 | 10,251 | 100.0 |

**HARDIN County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 160,329 | 4,007 | 32.2 |
| Ag Land | 276,012 | 4,851 | 39.0 |
| Ag Building | 13,837 | 242 | 1.9 |
| Commercial | 52,722 | 1,357 | 10.9 |
| Industrial | 10,268 | 258 | 2.1 |
| Personal | 26,783 | 549 | 4.4 |
| Personal Real | 15,371 | 366 | 2.9 |
| Utilities | 43,757 | 922 | 7.4 |
| Total | 595,034 | 12,452 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

| HARRISON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 89,562 | 2,165 | 26.4 |
| | Ag Land | 209,947 | 4,006 | 48.9 |
| | Ag Building | 22,021 | 421 | 5.1 |
| | Commercial | 21,048 | 554 | 6.8 |
| | Industrial | 2,925 | 79 | 1.0 |
| | Personal | 16,682 | 346 | 4.2 |
| | Personal Real | 1,210 | 35 | .4 |
| | Utilities | 29,919 | 629 | 7.7 |
| | Total | 391,531 | 8,189 | 100.0 |

| HENRY County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 118,363 | 3,223 | 35.4 |
| | Ag Land | 134,150 | 3,178 | 34.9 |
| | Ag Building | 21,230 | 498 | 5.5 |
| | Commercial | 36,049 | 1,000 | 11.0 |
| | Industrial | 8,740 | 235 | 2.6 |
| | Personal | 18,253 | 463 | 5.1 |
| | Personal Real | 6,058 | 157 | 1.7 |
| | Utilities | 17,668 | 435 | 4.8 |
| | Total | 357,612 | 9,109 | 100.0 |

| HOWARD County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 58,652 | 1,538 | 25.2 |
| | Ag Land | 154,110 | 3,012 | 49.3 |
| | Ag Building | 21,248 | 416 | 6.8 |
| | Commercial | 16,225 | 451 | 7.4 |
| | Industrial | 3,892 | 112 | 1.8 |
| | Personal | 13,504 | 307 | 5.0 |
| | Personal Real | 2,324 | 70 | 1.1 |
| | Utilities | 11,293 | 247 | 4.0 |
| | Total | 279,593 | 6,109 | 100.0 |

| HUMBOLDT County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 85,457 | 1,940 | 25.3 |
| | Ag Land | 206,262 | 3,471 | 45.2 |
| | Ag Building | 9,834 | 166 | 2.2 |
| | Commercial | 30,959 | 739 | 9.6 |
| | Industrial | 5,424 | 140 | 1.7 |
| | Personal | 20,694 | 391 | 5.1 |
| | Personal Real | 2,010 | 46 | .6 |
| | Utilities | 46,107 | 845 | 11.0 |
| | Total | 404,473 | 7,678 | 100.0 |

| IDA County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 52,862 | 1,234 | 23.3 |
| | Ag Land | 140,633 | 2,564 | 48.5 |
| | Ag Building | 10,834 | 196 | 3.7 |
| | Commercial | 22,662 | 556 | 10.5 |
| | Industrial | 4,131 | 106 | 2.0 |
| | Personal | 11,827 | 235 | 4.4 |
| | Personal Real | 1,116 | 28 | .5 |
| | Utilities | 20,331 | 408 | 7.7 |
| | Total | 262,682 | 5,289 | 100.0 |

| IOWA County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 107,771 | 2,502 | 28.6 |
| | Ag Land | 159,664 | 3,257 | 37.2 |
| | Ag Building | 26,463 | 534 | 6.1 |
| | Commercial | 24,590 | 560 | 6.4 |
| | Industrial | 24,437 | 532 | 6.1 |
| | Personal | 22,675 | 478 | 5.5 |
| | Personal Real | 21,396 | 451 | 5.2 |
| | Utilities | 23,709 | 501 | 5.7 |
| | Total | 508,055 | 8,753 | 100.0 |

| JACKSON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 140,371 | 3,979 | 40.5 |
| | Ag Land | 120,905 | 2,993 | 30.5 |
| | Ag Building | 19,814 | 491 | 5.0 |
| | Commercial | 37,216 | 1,105 | 11.3 |
| | Industrial | 5,461 | 163 | 1.7 |
| | Personal | 13,627 | 369 | 3.8 |
| | Personal Real | 4,750 | 142 | 1.4 |
| | Utilities | 25,525 | 655 | 6.7 |
| | Total | 364,554 | 9,814 | 100.0 |

| JASPER County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 268,094 | 7,216 | 37.4 |
| | Ag Land | 230,460 | 4,967 | 25.7 |
| | Ag Building | 31,851 | 686 | 3.6 |
| | Commercial | 75,395 | 2,121 | 11.0 |
| | Industrial | 30,266 | 885 | 4.6 |
| | Personal | 46,084 | 1,218 | 6.3 |
| | Personal Real | 41,142 | 1,202 | 6.2 |
| | Utilities | 49,155 | 1,171 | 6.1 |
| | Total | 766,214 | 19,296 | 100.0 |

| JEFFERSON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 100,454 | 2,516 | 34.0 |
| | Ag Land | 104,817 | 2,242 | 30.3 |
| | Ag Building | 20,693 | 443 | 6.0 |
| | Commercial | 30,333 | 798 | 10.8 |
| | Industrial | 9,061 | 245 | 3.3 |
| | Personal | 16,743 | 395 | 5.3 |
| | Personal Real | 10,341 | 281 | 3.8 |
| | Utilities | 23,929 | 543 | 7.3 |
| | Total | 314,124 | 7,406 | 100.0 |

| JOHNSON County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 654,600 | 19,027 | 49.1 |
| | Ag Land | 162,441 | 3,663 | 9.5 |
| | Ag Building | 25,394 | 570 | 1.5 |
| | Commercial | 307,297 | 9,453 | 24.4 |
| | Industrial | 25,199 | 757 | 2.0 |
| | Personal | 56,263 | 1,620 | 4.2 |
| | Personal Real | 27,778 | 869 | 2.2 |
| | Utilities | 110,352 | 3,004 | 7.8 |
| | Total | 1,360,547 | 38,706 | 100.0 |

| JONES County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 126,433 | 3,117 | 35.4 |
| | Ag Land | 156,878 | 3,140 | 35.7 |
| | Ag Building | 26,470 | 528 | 6.0 |
| | Commercial | 23,930 | 620 | 7.1 |
| | Industrial | 7,598 | 194 | 2.2 |
| | Personal | 17,833 | 388 | 4.4 |
| | Personal Real | 6,850 | 182 | 2.1 |
| | Utilities | 32,997 | 697 | 7.9 |
| | Total | 395,951 | 8,792 | 100.0 |

| KEOKUK County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 67,319 | 1,625 | 24.0 |
| | Ag Land | 169,494 | 3,227 | 47.6 |
| | Ag Building | 31,518 | 599 | 8.8 |
| | Commercial | 15,946 | 401 | 5.9 |
| | Industrial | 4,518 | 110 | 1.6 |
| | Personal | 14,962 | 309 | 4.6 |
| | Personal Real | 642 | 14 | .2 |
| | Utilities | 27,682 | 558 | 8.2 |
| | Total | 329,731 | 6,784 | 100.0 |

| KOSSUTH County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 157,100 | 2,906 | 22.2 |
| | Ag Land | 470,435 | 6,855 | 52.4 |
| | Ag Building | 19,727 | 288 | 2.2 |
| | Commercial | 47,102 | 916 | 7.0 |
| | Industrial | 35,515 | 673 | 5.1 |
| | Personal | 38,602 | 619 | 4.7 |
| | Personal Real | 5,701 | 111 | .8 |
| | Utilities | 48,446 | 768 | 5.9 |
| | Total | 819,160 | 13,071 | 100.0 |

| LEE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 288,647 | 7,523 | 34.9 |
| | Ag Land | 107,524 | 2,196 | 10.2 |
| | Ag Building | 18,460 | 375 | 1.7 |
| | Commercial | 94,420 | 2,488 | 11.5 |
| | Industrial | 98,269 | 2,663 | 12.3 |
| | Personal | 38,632 | 1,002 | 4.6 |
| | Personal Real | 135,118 | 3,739 | 17.3 |
| | Utilities | 72,647 | 1,798 | 8.3 |
| | Total | 846,233 | 21,583 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

**INN ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 1,577,924 | 48,953 | 50.8 |
| Ag Land | 201,212 | 4,849 | 5.0 |
| Ag Building | 31,193 | 752 | .8 |
| Commercial | 582,373 | 18,684 | 19.4 |
| Industrial | 162,491 | 5,211 | 5.4 |
| Personal | 134,720 | 4,250 | 4.4 |
| Personal Real | 188,057 | 6,071 | 6.3 |
| Utilities | 296,197 | 8,393 | 8.7 |
| Total | 3,143,434 | 96,306 | 100.0 |

**OUISA ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 68,830 | 1,535 | 21.5 |
| Ag Land | 120,902 | 2,412 | 33.8 |
| Ag Building | 11,771 | 235 | 3.3 |
| Commercial | 17,668 | 427 | 6.0 |
| Industrial | 2,414 | 52 | .7 |
| Personal | 10,661 | 222 | 3.1 |
| Personal Real | 692 | 14 | .2 |
| Utilities | 113,416 | 2,189 | 30.7 |
| Total | 344,447 | 7,131 | 100.0 |

**UCAS ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 60,289 | 1,798 | 33.1 |
| Ag Land | 77,883 | 1,818 | 33.4 |
| Ag Building | 8,897 | 209 | 3.8 |
| Commercial | 19,584 | 646 | 11.9 |
| Industrial | 2,645 | 73 | 1.3 |
| Personal | 15,732 | 469 | 8.6 |
| Personal Real | 1,776 | 56 | 1.0 |
| Utilities | 15,847 | 415 | 7.6 |
| Total | 200,948 | 5,437 | 100.0 |

**YON ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 75,421 | 1,556 | 23.4 |
| Ag Land | 208,187 | 3,518 | 52.8 |
| Ag Building | 25,521 | 431 | 6.5 |
| Commercial | 21,898 | 479 | 7.2 |
| Industrial | 1,684 | 34 | .5 |
| Personal | 15,284 | 272 | 4.1 |
| Personal Real | 308 | 6 | .1 |
| Utilities | 23,029 | 407 | 6.1 |
| Total | 369,332 | 6,661 | 100.0 |

**ADISON ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 89,478 | 2,438 | 31.0 |
| Ag Land | 133,589 | 3,151 | 40.1 |
| Ag Building | 17,774 | 418 | 5.3 |
| Commercial | 17,741 | 499 | 6.3 |
| Industrial | 398 | 11 | .1 |
| Personal | 11,397 | 282 | 3.6 |
| Personal Real | 517 | 13 | .2 |
| Utilities | 45,047 | 1,085 | 13.8 |
| Total | 313,864 | 7,856 | 100.0 |

**AHASKA ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 156,504 | 3,608 | 33.9 |
| Ag Land | 179,028 | 3,262 | 30.7 |
| Ag Building | 31,716 | 580 | 5.5 |
| Commercial | 49,221 | 1,218 | 11.5 |
| Industrial | 15,067 | 378 | 3.6 |
| Personal | 21,586 | 459 | 4.3 |
| Personal Real | 7,927 | 203 | 1.9 |
| Utilities | 50,361 | 1,007 | 9.5 |
| Total | 507,812 | 10,632 | 100.0 |

**ARION ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 204,843 | 5,153 | 43.3 |
| Ag Land | 117,199 | 2,632 | 22.1 |
| Ag Building | 17,790 | 393 | 3.3 |
| Commercial | 51,965 | 1,328 | 11.2 |
| Industrial | 24,345 | 589 | 4.9 |
| Personal | 21,336 | 490 | 4.1 |
| Personal Real | 24,435 | 596 | 5.0 |
| Utilities | 35,222 | 834 | 7.0 |
| Total | 492,795 | 11,904 | 100.0 |

**MARSHALL County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 314,597 | 9,217 | 39.5 |
| Ag Land | 221,511 | 4,696 | 20.1 |
| Ag Building | 34,653 | 732 | 3.1 |
| Commercial | 97,767 | 2,952 | 12.7 |
| Industrial | 35,733 | 1,128 | 4.8 |
| Personal | 44,761 | 1,281 | 5.5 |
| Personal Real | 31,360 | 990 | 4.2 |
| Utilities | 88,783 | 2,547 | 10.9 |
| Total | 861,623 | 23,322 | 100.0 |

**MILLS County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 79,059 | 1,978 | 28.0 |
| Ag Land | 148,563 | 2,833 | 40.0 |
| Ag Building | 13,104 | 250 | 3.5 |
| Commercial | 20,143 | 546 | 7.7 |
| Industrial | 2,033 | 53 | .8 |
| Personal | 12,444 | 263 | 3.7 |
| Personal Real | 1,271 | 35 | .5 |
| Utilities | 55,677 | 1,130 | 16.0 |
| Total | 331,964 | 7,075 | 100.0 |

**MITCHELL County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 75,828 | 1,593 | 24.5 |
| Ag Land | 212,101 | 3,491 | 53.8 |
| Ag Building | 14,374 | 236 | 3.6 |
| Commercial | 20,175 | 435 | 6.7 |
| Industrial | 3,165 | 79 | 1.2 |
| Personal | 15,692 | 280 | 4.3 |
| Personal Real | 3,561 | 86 | 1.[illegible] |
| Utilities | 19,705 | 340 | 5.2 |
| Total | 362,480 | 6,493 | 100.0 |

**MONONA County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 64,618 | 1,487 | 21.2 |
| Ag Land | 216,312 | 3,789 | 54.0 |
| Ag Building | 13,873 | 244 | 3.5 |
| Commercial | 24,395 | 602 | 8.6 |
| Industrial | 680 | 17 | .2 |
| Personal | 13,054 | 255 | 3.6 |
| Personal Real | 1,832 | 46 | .7 |
| Utilities | 34,158 | 626 | 8.9 |
| Total | 366,690 | 7,018 | 100.0 |

**MONROE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 44,668 | 1,445 | 30.7 |
| Ag Land | 78,424 | 1,926 | 40.9 |
| Ag Building | 6,789 | 166 | 3.5 |
| Commercial | 13,631 | 469 | 10.0 |
| Industrial | 2,365 | 69 | 1.5 |
| Personal | 5,951 | 161 | 3.4 |
| Personal Real | 2,893 | 85 | 1.8 |
| Utilities | 16,213 | 431 | 9.2 |
| Total | 169,604 | 4,711 | 100.0 |

**MONTGOMERY County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 83,866 | 2,229 | 29.5 |
| Ag Land | 165,066 | 3,038 | 40.2 |
| Ag Building | 14,259 | 263 | 3.5 |
| Commercial | 22,109 | 607 | 8.0 |
| Industrial | 9,626 | 244 | 3.2 |
| Personal | 14,240 | 315 | 4.2 |
| Personal Real | 8,164 | 197 | 2.6 |
| Utilities | 34,796 | 728 | 9.6 |
| Total | 349,811 | 7,561 | 100.0 |

**MUSCATINE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 335,601 | 8,998 | 42.5 |
| Ag Land | 138,875 | 2,811 | 13.3 |
| Ag Building | 22,447 | 457 | 2.2 |
| Commercial | 84,344 | 2,370 | 11.2 |
| Industrial | 69,397 | 1,698 | 8.0 |
| Personal | 35,978 | 911 | 4.3 |
| Personal Real | 111,471 | 2,762 | 13.1 |
| Utilities | 59,326 | 1,312 | 6.2 |
| Total | 851,023 | 21,154 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

| O'BRIEN County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 115,452 | 2,495 | 29.1 |
| | Ag Land | 256,583 | 3,861 | 45.0 |
| | Ag Building | 16,279 | 244 | 2.8 |
| | Commercial | 47,669 | 1,073 | 12.5 |
| | Industrial | 4,480 | 114 | 1.3 |
| | Personal | 18,986 | 336 | 3.9 |
| | Personal Real | 2,403 | 60 | .7 |
| | Utilities | 27,887 | 472 | 5.5 |
| | Total | 486,636 | 8,586 | 100.0 |

| OSCEOLA County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 52,738 | 1,176 | 21.2 |
| | Ag Land | 182,074 | 3,143 | 56.8 |
| | Ag Building | 10,536 | 182 | 3.3 |
| | Commercial | 14,411 | 344 | 6.2 |
| | Industrial | 3,247 | 81 | 1.5 |
| | Personal | 12,936 | 248 | 4.5 |
| | Personal Real | 6,654 | 159 | 2.9 |
| | Utilities | 12,839 | 238 | 4.3 |
| | Total | 293,816 | 5,534 | 100.0 |

| PAGE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 102,656 | 2,777 | 30.4 |
| | Ag Land | 191,655 | 3,578 | 39.2 |
| | Ag Building | 15,534 | 290 | 3.2 |
| | Commercial | 35,044 | 1,033 | 11.3 |
| | Industrial | 6,134 | 176 | 1.9 |
| | Personal | 16,625 | 376 | 4.1 |
| | Personal Real | 9,701 | 288 | 3.2 |
| | Utilities | 30,259 | 678 | 7.4 |
| | Total | 404,465 | 9,122 | 100.0 |

| PALO ALTO County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 76,803 | 1,739 | 23.6 |
| | Ag Land | 245,324 | 4,044 | 54.8 |
| | Ag Building | 19,851 | 327 | 4.4 |
| | Commercial | 27,508 | 664 | 9.0 |
| | Industrial | 2,163 | 49 | .7 |
| | Personal | 13,823 | 250 | 3.4 |
| | Personal Real | 0 | 0 | 0.0 |
| | Utilities | 18,848 | 352 | 4.8 |
| | Total | 402,038 | 7,375 | 100.0 |

| POCHAHONTAS County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 71,749 | 1,467 | 18.8 |
| | Ag Land | 288,624 | 4,501 | 57.6 |
| | Ag Building | 18,440 | 287 | 3.7 |
| | Commercial | 28,184 | 633 | 8.1 |
| | Industrial | 2,316 | 42 | .5 |
| | Personal | 23,438 | 403 | 5.2 |
| | Personal Real | 2,270 | 40 | .5 |
| | Utilities | 28,680 | 481 | 6.2 |
| | Total | 461,522 | 7,811 | 100.0 |

| POLK County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 2,732,383 | 91,576 | 51.8 |
| | Ag Land | 171,005 | 4,487 | 2.5 |
| | Ag Building | 16,030 | 422 | .2 |
| | Commercial | 1,454,316 | 48,956 | 27.7 |
| | Industrial | 189,575 | 6,271 | 3.5 |
| | Personal | 248,231 | 8,546 | 4.8 |
| | Personal Real | 195,648 | 6,471 | 3.7 |
| | Utilities | 371,859 | 11,763 | 6.6 |
| | Total | 5,325,093 | 76,910 | 100.0 |

| POTTAWATTAMIE County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 526,867 | 17,647 | 44.6 |
| | Ag Land | 310,378 | 6,301 | 15.9 |
| | Ag Building | 43,633 | 888 | 2.2 |
| | Commercial | 157,856 | 5,775 | 14.6 |
| | Industrial | 23,106 | 829 | 2.1 |
| | Personal | 43,158 | 1,286 | 3.3 |
| | Personal Real | 17,936 | 642 | 1.6 |
| | Utilities | 216,487 | 6,614 | 16.7 |
| | Total | 1,324,707 | 39,544 | 100.0 |

| POWESHIEK County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 144,790 | 3,837 | 36.4 |
| | Ag Land | 170,376 | 3,426 | 32.5 |
| | Ag Building | 34,044 | 685 | 6.5 |
| | Commercial | 35,896 | 974 | 9.3 |
| | Industrial | 12,395 | 354 | 3.4 |
| | Personal | 22,476 | 517 | 4.9 |
| | Personal Real | 5,711 | 155 | 1.5 |
| | Utilities | 30,695 | 664 | 6.3 |
| | Total | 453,270 | 10,532 | 100.0 |

| RINGGOLD County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 31,123 | 846 | 20.0 |
| | Ag Land | 109,771 | 2,277 | 53.8 |
| | Ag Building | 17,068 | 351 | 8.3 |
| | Commercial | 8,122 | 260 | 6.1 |
| | Industrial | 723 | 23 | .5 |
| | Personal | 6,384 | 149 | 3.5 |
| | Personal Real | 191 | 6 | .1 |
| | Utilities | 15,239 | 350 | 8.3 |
| | Total | 187,517 | 4,234 | 100.0 |

| SAC County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 91,388 | 2,147 | 24.4 |
| | Ag Land | 243,023 | 4,574 | 51.9 |
| | Ag Building | 23,794 | 446 | 5.1 |
| | Commercial | 25,930 | 625 | 7.1 |
| | Industrial | 5,444 | 133 | 1.5 |
| | Personal | 20,305 | 423 | 4.8 |
| | Personal Real | 1,236 | 26 | .3 |
| | Utilities | 24,962 | 497 | 5.6 |
| | Total | 433,915 | 8,809 | 100.0 |

| SCOTT County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 1,430,099 | 45,229 | 49.5 |
| | Ag Land | 146,749 | 3,298 | 3.6 |
| | Ag Building | 30,488 | 680 | .7 |
| | Commercial | 578,039 | 18,731 | 20.5 |
| | Industrial | 220,279 | 6,636 | 7.3 |
| | Personal | 132,384 | 3,863 | 4.2 |
| | Personal Real | 227,175 | 6,670 | 7.3 |
| | Utilities | 230,436 | 6,942 | 7.6 |
| | Total | 2,971,929 | 91,453 | 100.0 |

| SHELBY County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 91,996 | 2,382 | 28.0 |
| | Ag Land | 190,610 | 3,908 | 45.8 |
| | Ag Building | 29,823 | 613 | 7.2 |
| | Commercial | 26,057 | 729 | 8.6 |
| | Industrial | 2,390 | 59 | .7 |
| | Personal | 18,421 | 412 | 4.8 |
| | Personal Real | 1,109 | 29 | .3 |
| | Utilities | 21,086 | 448 | 5.3 |
| | Total | 379,100 | 8,517 | 100.0 |

| SIOUX County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 208,985 | 4,935 | 35.0 |
| | Ag Land | 284,927 | 5,141 | 36.5 |
| | Ag Building | 25,974 | 470 | 3.3 |
| | Commercial | 67,313 | 1,628 | 11.5 |
| | Industrial | 8,464 | 194 | 1.4 |
| | Personal | 31,284 | 646 | 4.6 |
| | Personal Real | 9,626 | 210 | 1.5 |
| | Utilities | 50,888 | 974 | 6.9 |
| | Total | 683,125 | 14,098 | 100.0 |

| STORY County | Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|---|
| | Residential | 537,168 | 14,383 | 48.9 |
| | Ag Land | 261,317 | 4,986 | 16.9 |
| | Ag Building | 23,928 | 457 | 1.6 |
| | Commercial | 232,767 | 6,399 | 21.7 |
| | Industrial | 29,545 | 803 | 2.7 |
| | Personal | 41,152 | 1,004 | 3.4 |
| | Personal Real | 20,199 | 565 | 1.9 |
| | Utilities | 46,871 | 1,050 | 3.6 |
| | Total | 1,184,505 | 29,431 | 100.0 |

# property valuation and tax levies by property class. Iowa counties, 1982. (continued)

**AMA ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 127,540 | 2,989 | 27.5 |
| Ag Land | 292,188 | 5,147 | 47.4 |
| Ag Building | 31,924 | 565 | 5.2 |
| Commercial | 33,795 | 865 | 8.0 |
| Industrial | 11,804 | 274 | 2.5 |
| Personal | 22,937 | 447 | 4.1 |
| Personal Real | 4,966 | 106 | 1.0 |
| Utilities | 27,458 | 545 | 5.0 |
| Total | 549,276 | 10,860 | 100.0 |

**AYLOR ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 31,605 | 780 | 18.1 |
| Ag Land | 145,822 | 2,669 | 62.0 |
| Ag Building | 12,172 | 222 | 5.2 |
| Commercial | 5,482 | 151 | 3.5 |
| Industrial | 1,292 | 36 | .8 |
| Personal | 8,538 | 170 | 3.9 |
| Personal Real | 0 | 0 | 0.0 |
| Utilities | 16,117 | 312 | 7.2 |
| Total | 219,362 | 4,306 | 100.0 |

**NION ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 79,387 | 2,380 | 34.2 |
| Ag Land | 91,368 | 1,937 | 27.8 |
| Ag Building | 10,498 | 222 | 3.2 |
| Commercial | 34,930 | 1,094 | 15.7 |
| Industrial | 10,905 | 261 | 3.8 |
| Personal | 10,718 | 285 | 4.1 |
| Personal Real | 0 | 0 | 0 |
| Utilities | 36,873 | 845 | 12.1 |
| Total | 272,432 | 6,958 | 100.0 |

**AN BUREN ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 32,179 | 848 | 20.8 |
| Ag Land | 92,189 | 2,172 | 53.3 |
| Ag Building | 14,191 | 335 | 8.2 |
| Commercial | 6,677 | 186 | 4.6 |
| Industrial | 2,199 | 63 | 1.5 |
| Personal | 6,859 | 170 | 4.2 |
| Personal Real | 1,983 | 55 | 1.4 |
| Utilities | 11,814 | 289 | 7.1 |
| Total | 166,598 | 4,076 | 100.0 |

**APELLO ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 236,936 | 8,597 | 46.6 |
| Ag Land | 98,049 | 2,407 | 13.0 |
| Ag Building | 7,463 | 182 | 1.0 |
| Commercial | 67,010 | 2,550 | 13.8 |
| Industrial | 23,183 | 855 | 4.6 |
| Personal | 28,254 | 997 | 5.4 |
| Personal Real | 13,656 | 507 | 2.7 |
| Utilities | 102,075 | 2,652 | 14.4 |
| Total | 568,628 | 18,459 | 100.0 |

**ARREN ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 285,278 | 7,949 | 53.9 |
| Ag Land | 117,615 | 2,846 | 19.3 |
| Ag Building | 23,782 | 570 | 3.9 |
| Commercial | 55,406 | 1,552 | 10.5 |
| Industrial | 983 | 26 | .2 |
| Personal | 17,300 | 452 | 3.1 |
| Personal Real | 932 | 26 | .2 |
| Utilities | 57,677 | 1,471 | 10.0 |
| Total | 553,396 | 14,738 | 100.0 |

**ASHINGTON ounty**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 146,633 | 3,467 | 32.0 |
| Ag Land | 199,544 | 3,934 | 36.2 |
| Ag Building | 31,931 | 632 | 5.8 |
| Commercial | 43,272 | 1,045 | 9.6 |
| Industrial | 14,179 | 351 | 3.2 |
| Personal | 23,601 | 508 | 4.7 |
| Personal Real | 10,989 | 275 | 2.5 |
| Utilities | 34,434 | 715 | 6.6 |
| Total | 501,461 | 10,854 | 100.0 |

**WAYNE County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 44,347 | 996 | 23.7 |
| Ag Land | 111,556 | 2,033 | 48.4 |
| Ag Building | 12,874 | 234 | 5.6 |
| Commercial | 12,661 | 302 | 7.2 |
| Industrial | 2,195 | 53 | 1.3 |
| Personal | 8,053 | 160 | 3.8 |
| Personal Real | 1,499 | 37 | .9 |
| Utilities | 21,693 | 421 | 10.0 |
| Total | 213,321 | 4,201 | 100.0 |

**WEBSTER County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 329,219 | 9,457 | 38.5 |
| Ag Land | 333,010 | 6,303 | 25.7 |
| Ag Building | 9,583 | 181 | .7 |
| Commercial | 133,113 | 3,945 | 16.1 |
| Industrial | 59,846 | 1,559 | 6.4 |
| Personal | 43,880 | 1,161 | 4.7 |
| Personal Real | 2,197 | 68 | .3 |
| Utilities | 87,194 | 2,053 | 8.4 |
| Total | 989,774 | 24,539 | 100.0 |

**WINNEBAGO County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 91,525 | 1,999 | 29.8 |
| Ag Land | 198,398 | 3,125 | 46.5 |
| Ag Building | 8,284 | 136 | 2.0 |
| Commercial | 27,094 | 650 | 9.7 |
| Industrial | 7,021 | 162 | 2.4 |
| Personal | 18,904 | 356 | 5.3 |
| Personal Real | 7,019 | 155 | 2.3 |
| Utilities | 9,927 | 182 | 2.7 |
| Total | 366,165 | 6,720 | 100.0 |

**WINNESHIEK County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 125,831 | 3,263 | 34.7 |
| Ag Land | 130,410 | 2,749 | 29.3 |
| Ag Building | 53,999 | 1,141 | 12.1 |
| Commercial | 32,202 | 906 | 9.7 |
| Industrial | 8,265 | 229 | 2.4 |
| Personal | 22,947 | 533 | 5.7 |
| Personal Real | 0 | 0 | 0 |
| Utilities | 27,878 | 643 | 6.8 |
| Total | 398,742 | 9,393 | 100.0 |

**WOODBURY County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 683,519 | 23,174 | 45.3 |
| Ag Land | 283,445 | 4,955 | 9.7 |
| Ag Building | 0 | 0 | 0 |
| Commercial | 280,388 | 9,805 | 19.2 |
| Industrial | 62,501 | 1,750 | 3.4 |
| Personal | 71,752 | 2,241 | 4.4 |
| Personal Real | 61,492 | 1,532 | 3.0 |
| Utilities | 377,372 | 8,153 | 15.9 |
| Total | 1,801,850 | 51,140 | 100.0 |

**WORTH County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 61,680 | 1,303 | 23.4 |
| Ag Land | 179,792 | 3,088 | 55.4 |
| Ag Building | 7,590 | 130 | 2.3 |
| Commercial | 14,626 | 331 | 5.9 |
| Industrial | 660 | 13 | .2 |
| Personal | 11,069 | 200 | 3.6 |
| Personal Real | 774 | 17 | .3 |
| Utilities | 28,988 | 526 | 9.4 |
| Total | 303,625 | 5,577 | 100.0 |

**WRIGHT County**

| Class of Property | Valuation ($000) | Tax Levied ($000) | % of Total Tax Levied |
|---|---|---|---|
| Residential | 121,817 | 2,852 | 26.7 |
| Ag Land | 305,444 | 4,956 | 46.4 |
| Ag Building | 8,855 | 143 | 1.3 |
| Commercial | 37,603 | 937 | 8.8 |
| Industrial | 14,575 | 370 | 3.5 |
| Personal | 28,274 | 552 | 5.2 |
| Personal Real | 11,404 | 277 | 2.6 |
| Utilities | 35,256 | 665 | 6.2 |
| Total | 560,371 | 10,684 | 100.0 |

ource: Office of State Comptroller

# Iowa retail trade, 1977

| SIC Code | Kind of business | All Establishments: Number 1977 | All Establishments: Number 1972 | All Establishments: Sales[1] 1977 | All Establishments: Sales[1] 1972 | All Establishments: Percent Change 1972-77 | Establishments with Payroll: Sales[1] 1977 | Establishments with Payroll: Sales[1] 1972 | Establishments with Payroll: Percent Change 1972-77 | Establishments with Payroll: Payroll entire year 1977 | Establishments with Payroll: Payroll entire year 1972 | Establishments with Payroll: Percent Change 1972-77 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Retail trade[2] | 28,737 | 28,468 | 9,832,778 | 5,847,407 | 68.2 | 9,520,876 | 5,651,092 | 68.5 | 1,107,386 | 665,770 | 66.3 |
| 52 | Building materials, hardware, garden supply and mobile home dealers | 2,184 | 2,202 | 800,342 | 398,255 | 101.0 | 777,962 | 381,080 | 104.1 | 93,553 | 45,556 | 105.4 |
| 521 | Lumber and other building materials dealers | 788 | NA | 528,727 | NA | NA | 522,610 | 237,932 | 119.6 | 62,738 | 29,423 | 113.2 |
| 525 | Hardware stores | 788 | 826 | 143,043 | 83,764 | 70.8 | 132,304 | 74,966 | 76.5 | 16,406 | 8,381 | 95.8 |
| 53 | General merchandise group stores | 921 | 993 | 1,163,706 | 749,796 | 55.2 | 1,157,108 | 744,812 | 55.4 | 156,007 | 107,074 | 45.7 |
| 531 | Department stores[3] | 155 | 123 | 911,279 | 521,141 | 74.9 | 911,279 | 521,141 | 74.9 | 126,035 | 79,413 | 58.7 |
| 533 | Variety stores | 300 | 391 | 90,577 | 83,001 | 9.1 | 89,350 | 81,650 | 9.4 | 12,137 | 11,988 | 1.2 |
| 539 | Miscellaneous general merchandise stores | 466 | 479 | 161,850 | 145,654 | 11.1 | 156,479 | 142,021 | 10.2 | 17,835 | 15,673 | 13.8 |
| 54 | Food stores | 2,529 | 2,996 | 1,969,492 | 1,234,543 | 59.5 | 1,937,120 | 1,208,586 | 60.3 | 181,634 | 105,383 | 72.4 |
| 541 | Grocery stories | 1,818 | 2,156 | 1,889,452 | 1,169,928 | 61.5 | 1,866,383 | 1,151,396 | 62.1 | 169,254 | 96,645 | 75.1 |
| 542 | Meat and fish (seafood) markets, including freezer provisions | 181 | 229 | 36,046 | 31,163 | 15.7 | 32,159 | 28,686 | 12.1 | 4,749 | 3,336 | 42.4 |
| 546 | Retail bakeries | 211 | 230 | 18,261 | 13,553 | 34.7 | 17,477 | 12,771 | 36.8 | 4,946 | 3,457 | 43.1 |
| 55 ex. 554 | Automotive dealers | 2,159 | 1,971 | 2,230,804 | 1,216,838 | 81.1 | 2,201,587 | 1,216,835 | 80.9 | 183,843 | 110,323 | 66.6 |
| 551 | Motor vehicle dealers, new and used cars | 818 | 853 | 1,861,967 | 1,032,544 | 80.3 | 1,861,967 | 1,031,438 | 80.5 | 146,678 | 90,182 | 62.6 |
| 552 | Motor vehicle dealers, used cars only | 304 | 300 | 62,312 | 35,206 | 77.0 | 49,702 | 29,361 | 69.3 | 3,423 | 2,042 | 67.6 |
| 554 | Gasoline service stations | 3,424 | 4,484 | 954,073 | 593,127 | 60.9 | 892,689 | 557,093 | 60.2 | 67,406 | 51,572 | 30.7 |
| 56 | Apparel and accessory stories | 2,009 | 1,750 | 407,632 | 272,181 | 49.8 | 397,463 | 264,477 | 50.3 | 56,047 | 36,279 | 54.5 |
| 561 | Men's and boys' clothing and furnishings stores | 429 | 417 | 107,547 | 79,253 | 35.7 | 105,748 | 78,073 | 35.4 | 16,400 | 10,938 | 49.9 |
| 562 | Women's ready to wear stores | 630 | 516 | 130,281 | 80,355 | 62.1 | 128,323 | 78,617 | 63.2 | 17,354 | 10,947 | 58.5 |
| 565 | Family clothing stores | 244 | 223 | 78,738 | 48,149 | 63.5 | 77,586 | 46,612 | 66.5 | 9,530 | 5,750 | 65.7 |
| 566 | Shoe stores | 428 | 395 | 67,687 | 50,043 | 35.3 | 65,882 | 47,988 | 37.3 | 9,901 | 6,715 | 47.4 |
| 57 | Furniture, home furnishings and equipment | 2,311 | 1,983 | 450,162 | 266,260 | 69.1 | 422,580 | 252,139 | 67.6 | 62,019 | 36,692 | 69.0 |
| 571 | Furniture and home furnishings stores | 1,111 | 890 | 259,731 | 150,052 | 73.1 | 247,427 | 144,073 | 71.7 | 35,822 | 21,014 | 70.5 |
| 572 | Household appliance stores | 401 | 457 | 77,653 | 46,787 | 66.0 | 72,842 | 43,322 | 68.1 | 11,318 | 6,075 | 86.3 |
| 573 | Radio, television and music stores | 799 | 636 | 112,778 | 69,421 | 62.5 | 102,311 | 64,744 | 58.0 | 14,879 | 9,603 | 54.9 |
| 58 | Eating and drinking places | 6,193 | 6,277 | 806,416 | 450,670 | 78.9 | 774,473 | 423,773 | 82.8 | 182,875 | 93,259 | 96.1 |
| 5812 | Eating places | 4,000 | 4,051 | 642,187 | 336,027 | 91.1 | 629,452 | 325,166 | 93.6 | 158,557 | 79,222 | 100.1 |
| 5813 | Drinking places (alcoholic beverages) | 2,193 | 2,226 | 164,229 | 114,643 | 43.3 | 145,021 | 98,607 | 47.1 | 24,316 | 14,037 | 73.2 |
| 591 | Drug and propriety stores | 708 | 778 | 275,047 | 192,125 | 43.2 | 273,457 | 189,511 | 44.3 | 36,811 | 26,458 | 39.1 |
| 59 ex. 591 | Miscellaneous retail stores[2] | 6,299 | 5,034 | 755,104 | 458,688 | 69.0 | 686,437 | 412,783 | 66.3 | 87,191 | 53,174 | 64.0 |
| 592 | Liquor stores | 315 | 285 | 114,167 | 92,282 | 23.7 | 112,030 | 91,651 | 22.2 | 6,965 | 4,163 | 67.3 |
| 5942 | Book stores | 169 | 103 | 20,895 | 11,493 | 81.8 | 19,199 | 10,687 | 79.6 | 2,617 | 1,471 | 77.9 |
| 5943 | Stationery stores | 52 | 78 | 8,369 | 7,426 | 12.7 | 8,123 | 7,262 | 11.9 | 1,387 | 1,202 | 15.4 |
| 5944 | Jewelry stores | 408 | 363 | 61,957 | 32,466 | 90.8 | 58,511 | 29,892 | 95.7 | 9,767 | 4,786 | 104.1 |
| 5947 | Gift, novelty and souvenir shops | 410 | 343 | 26,905 | 10,197 | 163.9 | 24,267 | 7,992 | 203.6 | 3,244 | 1,185 | 173.8 |
| 5992 | Florists | 399 | 336 | 34,802 | 21,032 | 65.5 | 32,632 | 19,639 | 66.2 | 6,677 | 4,183 | 59.6 |

[1]Includes sales taxes and finance charges in 1972 but not in 1977.
[2]Excludes nonemployer direct sellers.
[3]Includes sales from catalog order desks.
NA Not available.
Source: Census of Retail Trade, U.S. Dept. of Commerce, Social and Economic Statistics Administration issued August, 1979.

# axable retail sales by county
## housands)

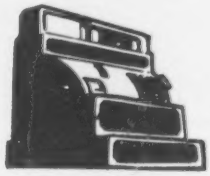
| | 1975[1] | 1978[1] | 1979[1] | 1980[1] | 1981[1] | 1982[1] |
|---|---|---|---|---|---|---|
| Adair | $ 24,068 | $ 29,434 | $ 34,662 | $ 39,320 | $ 38,987 | $ 40,323 |
| Adams | 11,366 | 13,775 | 15,976 | 17,514 | 16,803 | 18,028 |
| Allamakee | 32,141 | 41,514 | 47,793 | 52,675 | 52,720 | 57,202 |
| Appanoose | 35,265 | 44,267 | 51,052 | 55,779 | 56,152 | 53,664 |
| Audubon | 19,642 | 26,776 | 27,572 | 32,742 | 28,933 | 28,905 |
| Benton | 46,093 | 57,781 | 66,588 | 76,492 | 74,606 | 73,919 |
| Black Hawk | 417,605 | 560,680 | 598,904 | 658,746 | 673,137 | 688,478 |
| Boone | 60,394 | 70,673 | 79,870 | 86,329 | 83,574 | 81,074 |
| Bremer | 57,835 | 75,310 | 81,560 | 90,122 | 92,349 | 93,843 |
| Buchanan | 41,126 | 54,918 | 62,115 | 69,317 | 66,150 | 68,936 |
| Buena Vista | 63,471 | 83,840 | 95,727 | 108,572 | 104,185 | 104,862 |
| Butler | 35,882 | 43,632 | 49,333 | 52,050 | 50,217 | 52,950 |
| Calhoun | 33,158 | 38,499 | 45,290 | 50,962 | 48,422 | 47,381 |
| Carroll | 70,011 | 89,758 | 106,168 | 117,779 | 112,462 | 115,488 |
| Cass | 52,014 | 65,890 | 76,445 | 82,205 | 82,826 | 80,993 |
| Cedar | 38,348 | 53,237 | 58,045 | 62,210 | 60,779 | 61,161 |
| Cerro Gordo | 166,629 | 209,957 | 231,515 | 244,267 | 249,493 | 258,850 |
| Cherokee | 41,031 | 53,739 | 61,608 | 85,051 | 65,937 | 65,970 |
| Chickasaw | 34,973 | 46,762 | 52,713 | 57,881 | 53,990 | 55,830 |
| Clarke | 18,549 | 26,062 | 32,357 | 34,502 | 36,225 | 35,401 |
| Clay | 73,777 | 22 963 | 105,445 | 116,553 | 116,970 | 116,614 |
| Clayton | 40,597 | 54,532 | 63,849 | 74,339 | 68,753 | 68,374 |
| Clinton | 146,616 | 182,322 | 203,943 | 222,242 | 230,140 | 234,645 |
| Crawford | 39,698 | 51,350 | 60,242 | 69,011 | 67,274 | 66,428 |
| Dallas | 64,721 | 78,783 | 91,428 | 99,692 | 100,277 | 101,527 |
| Davis | 14,688 | 18,327 | 21,701 | 25,007 | 25,403 | 26,322 |
| Decatur | 14,287 | 17,382 | 20,332 | 21,056 | 22,141 | 22,478 |
| Delaware | 37,004 | 49,421 | 57,645 | 63,985 | 61,870 | 62,753 |
| Des Moines | 132,279 | 177,350 | 192,748 | 215,639 | 217,059 | 221,687 |
| Dickinson | 43,580 | 59,821 | 65,431 | 69,620 | 67,682 | 69,541 |
| Dubuque | 261,201 | 20,311 | 389,423 | 422,979 | 424,539 | 425,435 |
| Emmet | 40,063 | 46,998 | 52,490 | 57,358 | 59,055 | 57,858 |
| Fayette | 64,637 | 84,654 | 94,051 | 104,586 | 101,717 | 103,484 |
| Floyd | 47,831 | 61,305 | 67,802 | 73,091 | 71,609 | 75,862 |
| Franklin | 36,873 | 49,818 | 55,184 | 58,565 | 57,434 | 56,426 |
| Fremont | 14,662 | 17,480 | 21,029 | 24,176 | 25,911 | 28,091 |
| Greene | 31,115 | 36,139 | 43,964 | 50,659 | 48,186 | 46,484 |
| Grundy | 33,662 | 38,279 | 43,350 | 47,933 | 47,446 | 49,139 |
| Guthrie | 22,203 | 27,931 | 32,833 | 37,298 | 34,516 | 35,156 |
| Hamilton | 49,468 | 59,144 | 67,737 | 74,909 | 70,899 | 71,709 |
| Hancock | 34,241 | 43,088 | 51,087 | 56,077 | 51,868 | 50,919 |
| Hardin | 69,586 | 84,221 | 100,762 | 109,944 | 105,757 | 105,574 |
| Harrison | 30,268 | 35,869 | 44,640 | 49,710 | 49,021 | 45,941 |
| Henry | 48,517 | 64,648 | 69,837 | 76,243 | 74,960 | 74,959 |
| Howard | 25,372 | 32,696 | 38,183 | 42,129 | 40,736 | 42,931 |
| Humboldt | 36,429 | 41,294 | 46,996 | 53,193 | 51,845 | 53,308 |
| Ida | 22,943 | 28,513 | 33,618 | 36,166 | 33,914 | 35,036 |
| Iowa | 45,205 | 57,212 | 67,374 | 71,150 | 72,886 | 72,273 |
| Jackson | 42,155 | 54,803 | 63,979 | 70,29[illegible] | 70,056 | 70,645 |
| Jasper | 88,171 | 110,458 | 129,368 | 142,569 | 138,110 | 140,164 |
| Jefferson | 39,012 | 48,974 | 54,132 | 60,702 | 61,176 | 61,547 |

# taxable retail sales by county (continued)
## (thousands)

| | 1975[1] | 1978[1] | 1979[1] | 1980[1] | 1981[1] | 1982[1] |
|---|---|---|---|---|---|---|
| Johnson | $ 193,175 | $ 268,595 | $ 289,911 | $ 312,659 | $ 330,529 | $ 354,494 |
| Jones | 44,116 | 60,263 | 69,347 | 78,123 | 72,002 | 75,034 |
| Keokuk | 25,049 | 33,841 | 38,876 | 41,745 | 38,379 | 39,107 |
| Kossuth | 65,651 | 82,343 | 96,509 | 109,440 | 103,426 | 108,918 |
| Lee | 106,747 | 148,802 | 165,807 | 178,256 | 183,719 | 186,549 |
| Linn | 547,697 | 728,817 | 826,831 | 946,043 | 943,121 | 965,138 |
| Louisa | 18,677 | 23,153 | 25,213 | 29,453 | 30,752 | 30,320 |
| Lucas | 22,446 | 25,901 | 29,537 | 33,718 | 34,462 | 35,480 |
| Lyon | 23,484 | 30,994 | 37,621 | 41,048 | 36,638 | 35,025 |
| Madison | 21,365 | 26,710 | 30,747 | 33,406 | 32,701 | 31,958 |
| Mahaska | 63,302 | 80,033 | 94,507 | 100,306 | 95,234 | 95,334 |
| Marion | 69,132 | 78,931 | 91,856 | 101,191 | 98,000 | 101,691 |
| Marshall | 127,730 | 156,431 | 172,364 | 179,748 | 184,688 | 186,337 |
| Mills | 17,865 | 24,137 | 28,510 | 31,897 | 32,109 | 32,896 |
| Mitchell | 28,345 | 34,376 | 41,375 | 45,004 | 41,840 | 42,814 |
| Monona | 30,513 | 38,987 | 44,727 | 48,390 | 43,537 | 42,516 |
| Monroe | 15,977 | 20,321 | 23,891 | 26,436 | 26,157 | 26,851 |
| Montgomery | 38,634 | 44,711 | 50,628 | 57,157 | 57,633 | 57,744 |
| Muscatine | 101,020 | 132,349 | 147,897 | 158,679 | 168,646 | 181,152 |
| O'Brien | 42,270 | 57,692 | 64,541 | 71,512 | 66,445 | 68,400 |
| Osceola | 18,654 | 24,402 | 28,829 | 30,335 | 28,276 | 27,680 |
| Page | 55,357 | 69,122 | 77,812 | 85,983 | 81,692 | 79,121 |
| Palo Alto | 28,963 | 36,020 | 41,048 | 44,314 | 42,448 | 41,934 |
| Plymouth | 52,544 | 64,906 | 74,817 | 82,242 | 77,700 | 78,787 |
| Pocahontas | 31,092 | 34,924 | 40,477 | 44,047 | 41,999 | 41,383 |
| Polk | 1,261,211 | 1,639,611 | 1,819,133 | 2,020,684 | 2,026,193 | 2,102,475 |
| Pottawattamie | 159,474 | 226,951 | 259,504 | 282,253 | 298,492 | 302,871 |
| Poweshiek | 48,292 | 61,149 | 70,230 | 78,112 | 78,015 | 86,976 |
| Ringgold | 11,024 | 14,124 | 17,980 | 19,804 | 18,140 | 19,120 |
| Sac | 38,217 | 45,432 | 51,908 | 56,080 | 50,378 | 49,047 |
| Scott | 493,954 | 664,377 | 738,275 | 807,558 | 831,452 | 860,719 |
| Shelby | 35,610 | 42,135 | 52,400 | 59,447 | 56,784 | 56,946 |
| Sioux | 67,751 | 90,761 | 110,306 | 122,809 | 112,338 | 114,240 |
| Story | 161,680 | 214,753 | 244,784 | 265,745 | 275,838 | 285,653 |
| Tama | 48,266 | 54,906 | 63,276 | 73,328 | 69,247 | 70,289 |
| Taylor | 13,771 | 17,500 | 20,307 | 21,979 | 19,757 | 20,290 |
| Union | 35,240 | 45,619 | 50,963 | 57,760 | 55,236 | 55,854 |
| Van Buren | 12,082 | 14,734 | 17,156 | 19,059 | 17,961 | 16,249 |
| Wapello | 102,421 | 123,840 | 137,808 | 152,253 | 158,106 | 153,275 |
| Warren | 40,117 | 52,767 | 62,639 | 67,243 | 64,938 | 68,112 |
| Washington | 56,284 | 74,461 | 82,222 | 88,183 | 84,783 | 86,440 |
| Wayne | 14,281 | 16,771 | 20,269 | 23,071 | 20,935 | 21,524 |
| Webster | 165,329 | 208,577 | 227,555 | 254,231 | 247,918 | 246,175 |
| Winnebago | 32,891 | 40,702 | 45,442 | 48,483 | 46,620 | 46,166 |
| Winneshiek | 41,921 | 55,717 | 64,555 | 71,450 | 72,660 | 76,599 |
| Woodbury | 350,143 | 446,327 | 489,381 | 506,609 | 521,630 | 539,270 |
| Worth | 18,464 | 21,425 | 26,177 | 28,614 | 25,690 | 23,555 |
| Wright | 51,280 | 63,555 | 71,445 | 74,329 | 72,874 | 77,786 |
| Nonresidents | | | | | | 47,163 |
| Late Filers | | | | | | 240,672 |
| State | $8,040,975 | 10,599,259 | $11,937,333 | $13,092,630 | $13,112,407 | $13,410,647 |

[1]For 12 months beginning April 1 and ending March 31.
Source: Retail Sales and Use Tax Report Annual Report, Iowa Department of Revenue.

# axable retail sales by product class[1], Iowa (thousands)



| | 1975[2] | 1977[2] | 1978[2] | 1979[2] | 1980[2] | 1981[2] | 1982[2] |
|---|---|---|---|---|---|---|---|
| Food Dealers | $ 694,125 | $ 442,941 | $ 479,186 | $ 521,913 | $ 566,982 | $ 633,131 | $ 665,797 |
| Eating and Drinking | 436,612 | 725,120 | 790,873 | 885,818 | 983,575 | 1,057,482 | 1,112,737 |
| Apparel | 256,288 | 314,885 | 341,140 | 369,730 | 401,451 | 409,041 | 438,051 |
| General Merchandise | N/A | 1,016,941 | 1,148,175 | 1,220,533 | 1,305,139 | 1,378,502 | 1,447,098 |
| Speciality retail | N/A | 741,756 | 819,616 | 902,409 | 1,010,016 | 1,044,113 | 1,066,788 |
| Home Furnishing | 284,678 | 395,395 | 435,240 | 469,590 | 511,106 | 475,254 | 466,077 |
| Motor Vehicle | N/A | 651,815 | 40,184 | 779,410 | 856,845 | 902,574 | 821,470 |
| Filling Stations | 304,410 | 305,940 | 322,104 | 343,920 | 391,397 | 448,491 | 348,702 |
| Auto Dealers & Garage | 242,218 | 311,159 | 335,992 | 386,231 | 210,925 | 195,406 | 197,972 |
| Building Materials | N/A | 733,556 | 835,013 | 929,834 | 991,200 | 852,565 | 794,786 |
| Wholesale goods | N/A | 1,563,132 | 1,690,053 | 2,071,233 | 2,344,808 | 2,083,336 | 2,048,145 |
| Services | 546,815 | 953,322 | 1,048,011 | 1,176,384 | 1,304,607 | 1,326,372 | 1,406,228 |
| Utilities & Trans. | N/A | 1,175,982 | 1,309,175 | 1,486,445 | 1,622,413 | 1,785,196 | 2,026,777 |
| Miscellaneous | N/A | 790,336 | 990,435 | 890,004 | 966,462 | 887,712 | 828,858 |
| Non-resident | | | | | | | 47,163 |
| Late Filers | | | | | | | 240,672 |
| Total | $8,040,975 | $9,695,572 | $10,599,259 | $11,937,333 | $13,112,407 | $13,092,630 | $13,410,647 |

ginning July 1, 1974, food and drugs were exempt from sales tax. The exemption does not apply to food sold as part of a meal.
r the 12 months beginning April 1 and ending March 31.
rce: Retail Sales and Use Tax Annual Report, Iowa Department of Revenue.

# owa wholesale trade, 1977

| C de | Kind of business | Establishments 1972 | Establishments 1977 | Sales (000's) 1972 | Sales (000's) 1977 | Payroll entire year (000's) 1972 | Payroll entire year (000's) 1977 | Percent change 1972 to 1977 Sales[3] | Percent change 1972 to 1977 Payroll entire year |
|---|---|---|---|---|---|---|---|---|---|
| | Wholesale trade[1] | 8,204 | 7,646 | 9,969,239 | 20,078,789 | 491,445 | 825,097 | 101.4 | 67.9 |
| 1 | Motor vehicles, automotive parts and supplies | 583 | 647 | 655,371 | 1,223,713 | 40,420 | 66,302 | 86.7 | 64.0 |
| 2 | Furniture and home furnishings | 50 | 64 | [illegible],378 | 86,129 | 7,707 | 10,593 | 33.8 | 37.4 |
| 3 | Lumber and other construction materials | 188 | 185 | 234,701 | 447,941 | 19,579 | 34,297 | 90.9 | 75.2 |
| 4 | Sporting, recreational, photographic, and hobby goods, toys, and supplies | 67 | 67 | 55,249 | 94,251 | 6,626 | 7,085 | 70.6 | 6.9 |
| 5 | Metals and minerals, except petroleum | 53 | 66 | 236,012 | 283,196 | 5,863 | 11,041 | 20.0 | 88.3 |
| 6 | Electrical goods | 239 | 280 | 324,180 | 530,144 | 19,769 | 35,315 | 63.5 | 78.6 |
| 7 | Hardware, plumbing, heating (equipment and supplies) | 268 | 240 | 165,242 | 283,366 | 18,978 | 31,060 | 71.5 | 63.7 |
| 8 | Machinery, equipment and supplies | 1,550 | 1,678 | 1,142,319 | 2,575,283 | 115,605 | 220,477 | 125.4 | 90.7 |
| 1 | Paper and paper products | 109 | 113 | 80,744 | 150,785 | 9,185 | 16,866 | 86.7 | 83.6 |
| 2 | Drugs and drug propietaries and drug sundries | 39 | 25 | 56,974 | 56,916 | 4,353 | 3,575 | –0.1 | –17.9 |
| 3 | Apparel, piece goods and notions | 29 | 27 | 26,003 | 19,022 | 2,285 | 1,362 | –26.8 | –40.4 |
| 4 | Groceries and related products | 468 | 422 | 1,523,803 | 2,532,984 | 59,448 | 89,192 | 66.2 | 50.0 |
| 5 | Farm products and raw materials | 1,283 | 1,334 | 3,386,326 | 7,498,061 | 56,312 | 107,942 | 121.4 | 91.7 |
| 6 | Chemicals and allied products | 55 | 70 | 36,445 | 88,654 | 3,396 | 7,060 | 143.3 | 107.9 |
| 7 | Petroleum and petroleum products | 1,339 | 717 | 582,590 | 1,145,326 | 33,531 | 38,774 | 96.6 | 15.6 |
| 8 | Beer, wines and distilled alcoholic beverages | 110 | 113 | 92,162 | 157,124 | 8,057 | 13,799 | 70.5 | 71.3 |

te: Percentages are based upon current dollars for both 1972 and 1977 with no adjustment for price increases.
cluding merchant wholesalers, manufacturers' sales, branches and offices, and agents, brokers and commission merchants.
les taxes and finance charges were included in 1972 but not in 1977.
cluding 509 and 519; therefore, detail will not add to total.
rce: Census of Wholesale Trade, U.S. Department of Commerce, Business Division, issued October, 1979.

# IOWA

A tradition of excellence

SERVICES

# ommunications media in Iowa

| | 1960 | 1965 | 1970 | 1979[5] | 1980[5] | 1981[5] | 1982[5] |
|---|---|---|---|---|---|---|---|
| ephones in use[1] | | | | | | | |
| usiness | 243,406 | 284,000 | 381,747 | 141,869 | 143,503 | 159,497 | N/A |
| esidential | 892,627 | 1,044,000 | 1,242,500 | 1,023,652 | 1,032,570 | 1,038,509 | N/A |
| otal | 1,136,033 | 1,328,000 | 1,624,247 | 1,165,521 | 1,176,073 | 1,198,006 | N/A |
| ephones per 100 opulation | 41.2 | 48.1 | 57.5 | 40.0 | 40.4 | 41.1 | N/A |
| useholds with telephone ervice (%) | 88 | 95 | 96 | 98 | 98 | 98 | N/A |
| vspapers[2] | | | | | | | |
| aily—Number | 45 | 43 | 43 | 42 | 42 | 42 | 41 |
| Net paid circulation | 944,000 | 969,000 | 1,000,000 | 986,946 | 934,390 | 952,285 | 924,363 |
| Morning—Number | 4 | 4 | 5 | 4 | 7 | 7 | 8 |
| Net paid circulation | 289,000 | 301,000 | 331,000 | 352,068 | 451,228 | 452,461 | 535,241 |
| Evening—Number | 42 | 41 | 40 | 38 | 35 | 35 | 33 |
| Net paid circulation | 655,000 | 668,000 | 669,000 | 634,878 | 483,162 | 499,824 | 389,122 |
| unday—Number | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Net paid circulation | 831,000 | 857,000 | 845,000 | 757,231 | 745,039 | 743,019 | 747,256 |
| Veeklies—Number | 368 | 356 | 346 | 339 | 339 | 341 | 335 |
| Net paid circulation | 649,832 | 674,739 | 688,389 | 780,663 | 780,663 | 779,321 | 759,340 |
| nmercial broadcast[3] | | | | | | | |
| tations—Total | 80 | 94 | 120 | 196 | 196 | 195 | 196 |
| adio—Total | 68 | 82 | 108 | 174 | 174 | 173 | 174 |
| A.M. | 61 | 68 | 73 | 85 | 85 | 84 | 84 |
| F.M. | 7 | 14 | 35 | 89 | 89 | 89 | 90 |
| elevision | 12 | 12 | 12 | 15 | 15 | 15 | 15 |
| atellite T.V. Stations | | | | 7 | 7 | 7 | 7 |

| Non-Commercial broadcast[3] | |
|---|---|
| Stations | 13 |
| Radio | 12 |
| AM | 4 |
| FM | 8 |
| Television | 1 |

| Cable T.V.[4] | |
|---|---|
| Systems | 130[6] |
| Subscription | 275,000[6] |

imated)
a Commerce Commission.
a Press Association.
a Broadcasters Association Directory.
a Cable T.V. Association.
s not include extension lines.
. Not Available

# housing units — midwest states, 1980

| | Iowa | Minnesota | Missouri | Nebraska | South Dakota | Wisconsin |
|---|---|---|---|---|---|---|
| All Housing Units | 1,121,199 | 1,612,960 | 1,988,915 | 624,829 | 276,997 | 1,863,897 |
| Vacant — Seasonal and Migratory | 68,166 | 167,738 | 195,516 | 53,429 | 34,474 | 211,636 |
| All Year-Round Housing | 1,053,033 | 1,445,222 | 1,793,399 | 571,400 | 242,523 | 1,652,261 |
| Percent in One-Unit Structures | 80.4 | 73.7 | 77.4 | 79.7 | 74.2 | 75.4 |
| Number of Home Owners | 756,517 | 1,035,689 | 1,248,785 | 390,931 | 168,002 | 1,127,367 |
| Median Value of Owner's Homes $ | 40,600 | 53,100 | 36,700 | 38,000 | 36,600 | 48,600 |
| Median Contract Rent $ | 175 | 212 | 153 | 170 | 148 | 185 |
| Vacancy Rate — Homeowners | 1.6 | 1.5 | 2.0 | 2.0 | 2.1 | 1.3 |
| Vacancy Rate — Rental | 7.3 | 5.8 | 9.0 | 7.9 | 10.1 | 5.0 |

Source: 1980 General Housing Characteristics, U.S. Department of Commerce, Bureau of the Census.

# new residential construction, midwest state authorized permit issuing places

| | 1970 | | 1975 | | 1979 | | 1980 | | 1981 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | Value (000) | Number | Value (000) | Number | Value (000) | Number | Value (000) | Number | Va (0 |
| United States | 1,384,028 | $19,663,561 | 949,234 | $24,107,069 | 1,552,920 | $56,372,491 | 1,207,174 | $47,156,286 | 997,697 | $41,910, |
| IOWA | 11,074 | 158,881 | 14,706 | 331,981 | 13,345 | 466,353 | 8,917 | 311,937 | 5,799 | 221, |
| Minnesota | 25,465 | 409,760 | 19,162 | 547,831 | 29,365 | 1,229,581 | 21,741 | 974,133 | 17,413 | 840, |
| South Dakota | 2,440 | 29,493 | 3,103 | 66,283 | 3,914 | 120,262 | 3,100 | 97,473 | 1,502 | 50, |
| Nebraska | 8,014 | 89,667 | 7,927 | 163,970 | 8,785 | 277,221 | 6,906 | 207,765 | 4,101 | 138, |
| Kansas | 9,906 | 149,634 | 12,106 | 323,686 | 13,292 | 519,606 | 10,930 | 434,523 | 8,430 | 361, |
| Missouri | 23,344 | 326,392 | 16,135 | 401,616 | 19,384 | 656,708 | 13,736 | 458,743 | 10,114 | 361, |
| Illinois | 54,204 | 907,026 | 39,325 | 1,084,862 | 45,807 | 1,853,075 | 26,659 | 1,086,542 | 16,551 | 775, |
| Wisconsin | 23,175 | 332,951 | 26,002 | 635,564 | 26,524 | 980,531 | 18,510 | 689,816 | 14,196 | 551, |

Source: Construction Reports — Housing Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census.

# number and valuation of permits issued for ne dwellings

| City | 1978 | | 1979 | | 1980 | | 1981 | |
|---|---|---|---|---|---|---|---|---|
| | Number | Value (000) | Number | Value (000) | Number | Value (000) | Number | Value (000) |
| Ames | 196 | $ 11,129.4 | 137 | $ 7,412.0 | 60 | $ 5,204.1 | 20 | $ 977.0 |
| Bettendorf | 262 | 12,482.0 | 138 | 7,252.6 | 66 | 6,439.5 | 72 | 6,381.6 |
| Burlington | 88 | 4,833.4 | 41 | 2,323.9 | 28 | 1,951.2 | 21 | 1,999.4 |
| Cedar Falls | 141 | 8,578.6 | 105 | 6,059.3 | 81 | 6,493.8 | 71 | 3,431.9 |
| Cedar Rapids | 537 | 24,417.2 | 456 | 22,207.9 | 167 | 7,607.0 | 123 | 5,851.1 |
| Clinton | 60 | 4,363.1 | 52 | 4,673.4 | 46 | 3,225.5 | 20 | 1,389.0 |
| Council Bluffs | 124 | 3,425.3 | 156 | 3,224.3 | 70 | 2,175.3 | 39 | 1,205.0 |
| Davenport | 487 | 23,792.2 | 414 | 20,527.0 | 207 | 12,388.3 | 166 | 10,257.9 |
| Des Moines | 490 | 29,287.3 | 327 | 19,294.1 | 428 | 16,124.0 | 256 | 15,274.5 |
| Dubuque | 179 | 9,066.1 | 196 | 13,059.0 | 75 | 3,961.0 | 18 | 1,361.8 |
| Ft. Dodge | 98 | 4,301.5 | 45 | 2,339.5 | 41 | 4,305.0 | 15 | 937.0 |
| Iowa City | 215 | 12,384.7 | 157 | 11,713.8 | 100 | 10,456.7 | 130 | 9,867.0 |
| Keokuk | 36 | 1,059.3 | 24 | 841.5 | 61 | 3,772.9 | 18 | 597.0 |
| Marion | 165 | 6,032.9 | 195 | 10,884.2 | 114 | 6,223.4 | 30 | 1,389.4 |
| Marshalltown | 81 | 3,435.0 | 22 | 1,056.0 | 18 | 1,093.0 | 11 | 709.0 |
| Mason City | 99 | 5,322.2 | 61 | 4,080.4 | 47 | 7,036.9 | 17 | 873.3 |
| Muscatine | 66 | 3,277.9 | 62 | 3,850.1 | 43 | 7,113.8 | 45 | 4,069.1 |
| Newton | 68 | 3,662.5 | 39 | 3,040.9 | 20 | 3,760.0 | 8 | 287.8 |
| Ottumwa | 73 | 3,085.0 | 63 | 3,380.0 | 47 | 4,804.7 | 24 | 1,029.0 |
| Sioux City | 149 | 6,057.7 | 85 | 6,523.4 | 83 | 1,982.1 | 46 | 1,245.6 |
| Urbandale[1] | NA | NA | 222 | 13,609.7 | 127 | 8,329.6 | 33 | 1,847.8 |
| Waterloo | 261 | 12,720.3 | 229 | 14,618.3 | 294 | 13,721.1 | 222 | 8,575.1 |
| West Des Moines | 158 | 8,089.8 | 112 | 11,241.6 | 68 | 6,436.7 | 91 | 5,985.0 |
| TOTAL | 4,033 | $200,803.4 | 3,338 | $193,212.9 | 2,291 | $144,605.6 | 1,496 | $85,566.3 |

[1]Urbandale was added in 1979.
Source: Research Division, Iowa Development Commission.

# value of new residential construction, Iowa
## (thousands)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Yearly Totals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 982 | $210,500 | $58,500 | $ 77,600 | $121,800 | $126,000 | $150,400 | $114,400 | $ 92,700 | N/A | N/A | N/A | N/A | N/A |
| 981 | 80,500 | 48,400 | 104,300 | 126,200 | 154,500 | 150,000 | 135,000 | 108,400 | $156,400 | $ 79,400 | $ 77,800 | $128,000 | $1,258,100 |
| 980 | 123,900 | 56,600 | 106,700 | 136,800 | 200,100 | 145,800 | 163,600 | 131,200 | 147,000 | 144,900 | 119,100 | 122,800 | 1,558,100 |
| 979 | 73,236 | 53,183 | 147,467 | 147,606 | 287,279 | 214,837 | 158,720 | 176,380 | 158,786 | 193,241 | 106,364 | 663,684 | 2,387,317 |
| 978 | 59,801 | 76,899 | 414,733 | 161,298 | 316,356 | 238,580 | 205,105 | 174,592 | 173,965 | 182,131 | 139,023 | 75,598 | 2,219,229 |
| 977 | 48,693 | 55,174 | 133,417 | 131,420 | 168,807 | 149,278 | 167,181 | 161,213 | 124,248 | 145,207 | 127,728 | 95,655 | 1,509,082 |
| 975 | 35,490 | 38,213 | 57,082 | 94,270 | 124,380 | 364,167 | 105,512 | 95,145 | 107,006 | 112,444 | 63,153 | 54,608 | 1,252,180 |
| 970 | 37,895 | 62,098 | 43,835 | 48,426 | 74,185 | 84,441 | 92,815 | 67,216 | 55,985 | 59,911 | 41,753 | 41,039 | 709,679 |

N/A = Not Available.
Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, Proprietary Data provided by special permission.

# new residential construction, smsa's

| Iowa SMSA's | 1973 Number | 1973 Value (000) | 1975 Number | 1975 Value (000) | 1979 Number | 1979 Value (000) | 1980 Number | 1980 Value (000) | 1981 Number | 1981 Value (000) |
|---|---|---|---|---|---|---|---|---|---|---|
| Cedar Rapids | 1,158 | $17,483 | 1,318 | $22,636 | 1,755 | $45,435 | 822 | $21,923 | 407 | $11,781 |
| Davenport | 2,923 | 46,342 | 2,487 | 54,780 | 2,426 | 87,442 | 1,591 | 55,970 | 963 | 40,129 |
| Des Moines | 2,013 | 41,219 | 2,353 | 62,369 | 2,488 | 84,353 | 1,262 | 47,683 | 877 | 33,447 |
| Dubuque | 339 | 5,422 | 434 | 8,794 | 530 | 20,088 | 199 | 9,332 | 70 | 4,052 |
| Iowa City | N/A | N/A | N/A | N/A | 582 | 23,578 | 437 | 19,699 | 465 | 18,641 |
| Omaha-Council Bluffs | 5,207 | 58,073 | 2,711 | 42,061 | 3,125 | 71,931 | 2,839 | 59,287 | 1,387 | 33,389 |
| Sioux City | 358 | 6,612 | 927 | 16,862 | 372 | 12,717 | 213 | 6,471 | 130 | 4,848 |
| Waterloo | 354 | 4,893 | 1,114 | 23,071 | 782 | 23,928 | 747 | 23,100 | 442 | 14,755 |

Source: Construction Reports—Housing Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census.

# Iowa's construction industry, 1977
## (dollars in thousands)

| Industry Group and Industry | Total Number of Establishments | All Employees (Average) | Total Payroll | Total Receipts | Value Added | Total Capital Expenditures Other than Land | Rental Payments for Machinery and Equipment |
|---|---|---|---|---|---|---|---|
| Construction Industries, Total | 8,347 | 55,979 | 682,118 | 2,745,982 | 1,210,329 | 108,957 | 31,341 |
| Contract Construction Industries: | | | | | | | |
| General Building Contractors | 2,704 | 19,695 | 226,389 | 1,155,221 | 357,231 | 27,289 | 6,559 |
| Heavy Construction Contractors: | | | | | | | |
| Highway and Street Construction | 195 | 4,396 | 66,515 | 318,184 | 149,016 | 21,647 | 8,460 |
| Heavy Construction, N.E.C. | 563 | 4,767 | 60,729 | 241,277 | 113,512 | 15,593 | 5,668 |
| Special Trade Contractors: | | | | | | | |
| Plumbing, Heating, Air Conditioning | 1,013 | 6,703 | 94,435 | 328,283 | 155,158 | 8,187 | 2,152 |
| Painting, Paper Hanging, Decorating | 483 | 1,530 | 14,876 | 35,967 | 28,080 | 1,503 | 260 |
| Electrical Work | 670 | 4,086 | 59,616 | 168,950 | 100,389 | 4,101 | 1,064 |
| Masonry, Stonework and Plastery: | | | | | | | |
| Masonry and Other Stonework | 324 | 1,888 | 20,524 | 54,331 | 35,870 | 2,356 | 548 |
| Plastering, Drywall, Insulation | 261 | 1,736 | 22,229 | 60,495 | 36,880 | 1,985 | 490 |
| Terrazzo, Tile, Marble, Mosaic Work | 27 | 98 | 993 | 3,781 | 2,072 | 29 | 41 |
| Carpentering and Flooring | | | | | | | |
| Carpentering | 467 | 1,834 | 16,574 | 48,335 | 30,105 | 1,903 | 308 |
| Floor Laying and Floor Work, N.E.C. | 108 | 326 | 2,771 | 9,428 | 4,256 | 118 | (D) |
| Roofing and Sheet Metal Work | 339 | 2,657 | 20,764 | 90,717 | 53,304 | 2,709 | 473 |
| Concrete Work | 284 | 1,599 | 15,682 | 57,516 | 31,059 | 3,952 | 973 |
| Miscellaneous Special Trade Contractors: | | | | | | | |
| Structural Steel Erection | 27 | 362 | 4,154 | 11,830 | (D) | 289 | (D) |
| Excavating and Foundation Work | 473 | 2,112 | 22,599 | 77,618 | 74,351 | 12,842 | 3,107 |
| Wrecking and Demolition Work | 11 | 57 | 455 | 1,494 | 1,442 | 141 | 73 |
| Installing Building Equipment N.E.C. | 50 | 338 | 4,688 | 15,354 | 14,784 | 367 | 185 |
| Special Trade Contractors N.E.C. | 184 | 859 | 8,952 | 24,710 | 22,501 | 420 | 4 11 |
| Subdividers and Developers and Operative Builders: | | | | | | | |
| Subdividers and Developers, N.E.C. | 45 | 142 | 1,306 | 4,850 | 2,501 | 183 | 30 |

Standard Notes: (D) Withheld to avoid disclosing figures for individual companies. All such figures are included in higher level totals.
(S) Withheld because estimate did not meet publication standards either on the basis of the associated standard error or on the basis of a consistency review.
N.E.C.—Not elsewhere classified.
Source: 1977 Census of Construction Industries, U.S. Department of Commerce, Bureau of the Census, issued October, 1980.

# Iowa kids stay in school

| Grade | 1970-71 | 1975-76 | 1976-77 | 1977-78 | 1978-79[1] | 1979-80[1] | 1980-81[1] | 1981-82[1] |
|---|---|---|---|---|---|---|---|---|
| | Enrollment | | | | | | | |
| Kindergarten | 50,219 | 45,790 | 44,920 | 41,058 | 37,757 | 37,517 | 39,104 | 37,500 |
| First | 49,890 | 40,890 | 42,375 | 41,829 | 38,713 | 35,527 | 35,265 | 36,609 |
| Second | 49,547 | 39,051 | 39,873 | 41,263 | 40,208 | 36,938 | 34,004 | 33,771 |
| Third | 50,510 | 39,461 | 38,710 | 39,539 | 40,856 | 39,622 | 36,449 | 33,499 |
| Fourth | 51,264 | 40,635 | 39,903 | 38,913 | 39,586 | 40,597 | 39,672 | 36,097 |
| Fifth | 50,314 | 43,225 | 40,807 | 39,688 | 38,605 | 39,141 | 40,118 | 39,094 |
| Sixth | 49,762 | 46,410 | 44,027 | 41,061 | 39,541 | 38,493 | 38,935 | 39,575 |
| Ungraded Elem. | 6,205 | 6,566 | 5,013 | 3,565 | 2,278 | 2,473 | 2,054 | 1,643 |
| Total K-6 | 357,711 | 302,028 | 295,785 | 286,915 | 277,544 | 270,308 | 265,601 | 257,788 |
| Seventh | 48,918 | 49,570 | 47,742 | 44,569 | 41,527 | 40,283 | 39,238 | 39,190 |
| Eighth | 49,737 | 50,961 | 49,646 | 47,563 | 44,149 | 41,231 | 40,120 | 38,163 |
| Ninth | 50,725 | 53,099 | 51,780 | 50,229 | 48,352 | 44,992 | 42,372 | 40,612 |
| Ungraded Jr. High | * | 242 | 333 | 286 | 304 | 434 | 196 | 1,362 |
| Total 7-9 | 149,380 | 153,872 | 146,313 | 142,647 | 134,332 | 126,940 | 121,926 | 119,327 |
| Tenth | 49,961 | 51,612 | 51,926 | 50,648 | 49,142 | 46,792 | 43,842 | 41,423 |
| Eleventh | 47,817 | 49,085 | 49,114 | 49,659 | 48,124 | 46,590 | 45,220 | 42,323 |
| Twelfth | 44,744 | 43,569 | 46,044 | 46,175 | 46,377 | 45,308 | 44,382 | 43,194 |
| Ungraded Sr. High | 190 | 262 | 356 | 462 | 1,108 | 1,270 | 1,314 | 714 |
| Total 10-12 | 142,712 | 144,528 | 150,060 | 146,944 | 144,751 | 139,960 | 134,758 | 127,654 |
| Special Education | 9,766 | 10,410 | 11,027 | 10,606 | 10,916 | 9,991 | 10,398 | 10,229 |
| Post H.S. | 7 | | | | | | | |
| Grand Total | 659,576 | 610,838 | 603,596 | 587,113 | 567,543 | 54[illegible],199 | 532,683 | 514,956 |

[1]Data includes approved Public and Private schools in Iowa.
Source: Iowa Department of Public Instruction.

## Iowans place a premiu on education

Iowa has one of the nation's literacy rate because it has one of the best school sytems. Traditionally, Iow public school districts have been forefront of new trends in school fin teaching methods, administration a riculum. This attitude is supported 232 parochial and private schools.

Iowa has three state universit private ones, and 15 area vocational and area community schools.

The University of Iowa, Iowa C 28,140 enrollees. Its University H facility is one of the nation's finest and educational institutions, often co to the Mayo Clinic. The campus bo charming, "Old Capitol," well preser of Iowa's first formal government.

Iowa State University, Ames, has students in eight major fields: Agri Agricultural Engineering, Home Eco Science and Humanities, Vet Medicine, Education, Engineeri graduate studies. The university pi some of the advances in nuclear research and is a major developer of agricultural products. The universi maintains an extension service tha closely with Iowans and their comm on a wide variety of social and ec projects.

The University of Northern Iowa Falls, has 10,988 students. Originally teachers college, it now attracts stude variety of fields, including busi addition to teacher education. At the al level it offers the Doctor of In Technology, the only degree of its kin nation. A feature of its attractive ca the UNI-Dome, a multi-purpose a sports and other events.

# dropping out is not "in" among Iowa's studen

Twelfth grade enrollment as a percentage of ninth grade for Iowa.

| School year | % | School year | % |
|---|---|---|---|
| 1967-68 | 92.1 | 1974-75 | 89.1 |
| 1968-69 | 93.0 | 1975-76 | 87.4 |
| 1969-70 | 93.0 | 1976-77 | 88.0 |
| 1970-71 | 91.8 | 1978-79 | 94.4 |
| 1971-72 | 90.6 | 1979-80 | 94.6 |
| 1972-73 | 90.9 | 1980-81 | 95.4 |
| | | 1981-82 | 89.3 |

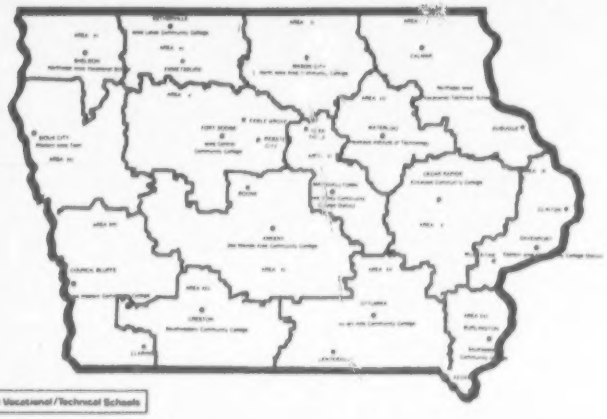
Source: Research Division, Iowa Development Commission.

# many Iowans go on to higher learning

| Type of Institution | Fall 1975 | Fall 1976 | Fall 1977 | Fall 1978 | Fall 1979 | Fall 1980 | Fa 19 |
|---|---|---|---|---|---|---|---|
| | Undergraduate Enrollment | | | | | | |
| Regents | 40,748 | 41,231 | 43,096 | 43,645 | 44,323 | 47,247 | 48, |
| Independent 4-year | 29,571 | 29,172 | 30,127 | 30,737 | 32,808 | 33,338 | 33, |
| Independent 2-year | 3,040 | 3,060 | 3,334 | 3,298 | 909[2] | 798 | |
| Area schools | 30,784 | 27,617 | 30,388 | 30,587 | 31,261 | 35,477 | 37, |
| Bible & Theological Schools | 921 | 1,045 | 985 | 852 | 938 | 812 | |
| Business Schools | 1,562 | 1,181[1] | 1,926 | 1,622 | 1,651 | 1,813 | 2, |
| Nursing & Professional Schools[3] | 1,632 | 1,577 | 1,525 | 1,485 | 1,337 | 1,243 | 1, |
| Grand Total | 108,258 | 104,883 | 111,381 | 112,226 | 113,227 | 120,728 | 124, |

[1]American Institute of Commerce and Sawyer School enrollments not reported.
[2]Ottumwa Heights College and Palmer Junior College were merged with the Area Community College.
[3]Includes 11 undergraduate students at the University of Osteopathic Medicine and Health Sciences.
Source: Data Digest on Iowa Postrecondary Institutions, 1981-1982.

# area schools, an Iowa "success story"



Iowa Area Vocational/Technical Schools

• OTHER CAMPUS (AREA SCHOOLS WITH MORE THAN ONE MAJOR CAMPUS)

• ADMINISTRATIVE CENTER AND CAMPUS

Iowa's area colleges provide an exceptionally wide variety of opportunities. Programs are offered through the adult education division, career education division and college parallel division.

The growth of the area colleges has been impressive. In the 1965-66 school year, there were only 25 different occupational programs available. This number has increased to 115 different full-time preparatory career programs during the fall of the 1981-82 school year.

# area college enrollment fall term shows state-wide impact

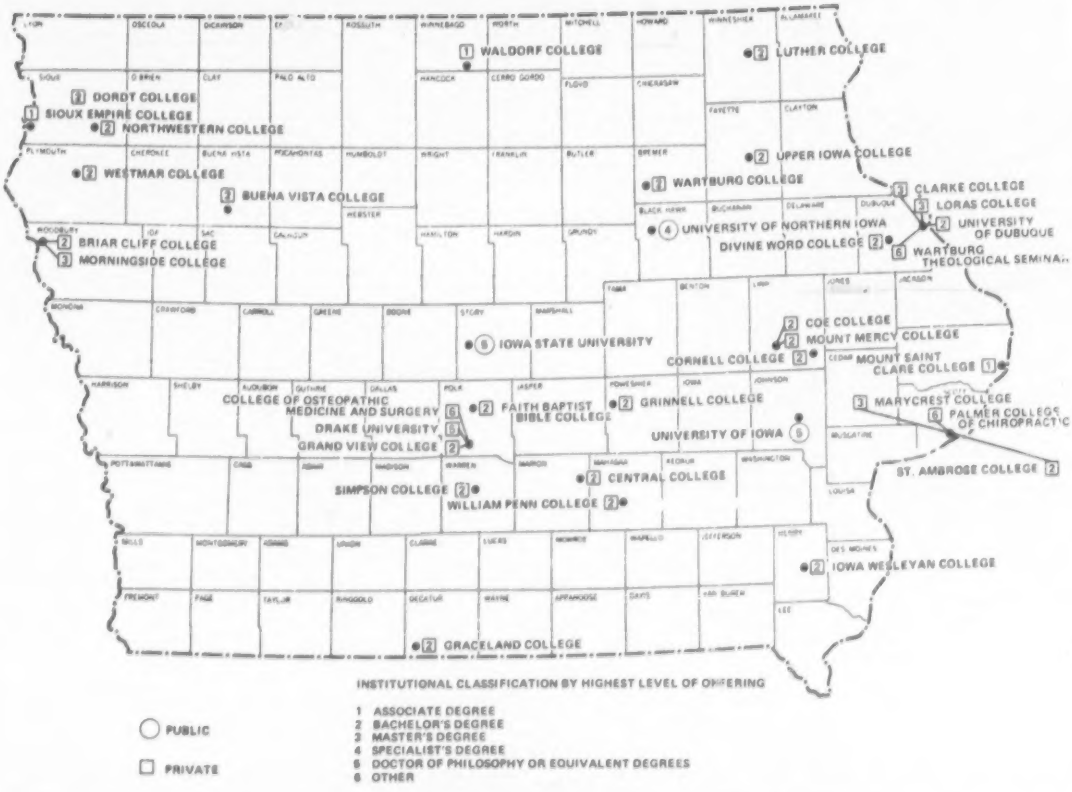
| | Career Education | | College Parallel | | Other Programs | | Agricultural Production for Veterans | | Secondary School Programs | | Total Enrollments | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Fall 1981 | Fall 1982 | Fall 1981 | Fall 1982 | Fall 1981 | Fall 1982 | Fall 1981 | Fall 1982 | Fall 1981 | Fall 1982 | Fall 1981 | Fall 1982 |
| I. N.E. Iowa Voc-Tech School | 1,074 | 1,102 | — | — | — | — | 26 | 19 | 81 | 52 | 1,181 | 1,173 |
| 1. Calmar | | | | | | | | | | | | |
| 2. Peosta | | | | | | | | | | | | |
| II. North Iowa Area Community College | 644 | 851 | 1,514 | 1,357 | — | — | — | — | — | — | 2,158 | 2,208 |
| 1. Mason City | | | | | | | | | | | | |
| III. Iowa Lakes Community College | 929 | 1,223 | 726 | 538 | — | — | — | — | 104 | 66 | 1,759 | 1,827 |
| 1. Emmetsburg | | | | | | | | | | | | |
| 2. Estherville | | | | | | | | | | | | |
| IV. N.W. Iowa Technical College | 439 | 475 | — | — | — | — | — | — | 23 | 20 | 462 | 495 |
| 1. Sheldon | | | | | | | | | | | | |
| V. Iowa Central Community College | 922 | 1,290 | 1,482 | 1,023 | — | — | 51 | 41 | 378 | 426 | 2,833 | 2,780 |
| 1. Eagle Grove | | | | | | | | | | | | |
| 2. Fort Dodge | | | | | | | | | | | | |
| 3. Webster City | | | | | | | | | | | | |
| VI. Iowa Valley Community College | 611 | 886 | 1,656 | 1,511 | — | — | — | — | — | — | 2,267 | 2,397 |
| 1. Iowa Falls | | | | | | | | | | | | |
| 2. Marshalltown | | | | | | | | | | | | |
| VII. Hawkeye Institute of Technology | 1,935 | 1,946 | — | — | — | — | — | — | — | — | 1,935 | 1,946 |
| 1. Waterloo | | | | | | | | | | | | |
| IX. Eastern Iowa Community College | 1,430 | 1,614 | 2,414 | 2,679 | — | — | — | — | 117 | 91 | 3,961 | 4,384 |
| 1. Bettendorf | | | | | | | | | | | | |
| 2. Clinton | | | | | | | | | | | | |
| 3. Davenport | | | | | | | | | | | | |
| 4. Muscatine | | | | | | | | | | | | |
| X. Kirkwood Community College | 2,535 | 3,124 | 2,902 | 2,793 | — | — | — | — | 333 | 368 | 5,770 | 6,285 |
| 1. Cedar Rapids | | | | | | | | | | | | |
| XI. Des Moines Area Community College | 2,834 | 3,648 | 3,985 | 3,566 | — | — | 28 | 19 | 93 | 95 | 6,940 | 7,328 |
| 1. Ankeny | | | | | | | | | | | | |
| 2. Boone | | | | | | | | | | | | |
| 3. Carroll | | | | | | | | | | | | |
| XII. Western Iowa Technical College | 1,482 | 1,461 | — | — | 987 | 238 | — | — | — | — | 2,469 | 1,699 |
| 1. Sioux City | | | | | | | | | | | | |
| XIII. Iowa Western Community College | 1,138 | 1,267 | 1,547 | 1,662 | — | — | — | — | 361 | 383 | 3,046 | 3,312 |
| 1. Clarinda | | | | | | | | | | | | |
| 2. Council Bluffs | | | | | | | | | | | | |
| XIV. Southwest Community College | 271 | 302 | 325 | 357 | — | — | — | — | 55 | 58 | 651 | 717 |
| 1. Creston | | | | | | | | | | | | |
| XV. Indian Hills Community College | 1,075 | 1,175 | 662 | 930 | — | — | 18 | 13 | 40 | 28 | 1,795 | 2,146 |
| 1. Centerville | | | | | | | | | | | | |
| 2. Ottumwa | | | | | | | | | | | | |
| 3. Ottumwa Heights | | | | | | | | | | | | |
| XVI. Southeastern Community College | 662 | 749 | 1,274 | 1,227 | 18 | — | — | — | 18 | 15 | 1,972 | 1,991 |
| 1. Burlington | | | | | | | | | | | | |
| 2. Keokuk | | | | | | | | | | | | |
| GRAND TOTALS | 17,981 | 21,113 | 18,487 | 17,643 | 1,005 | 238 | 123 | 92 | 1,603 | 1,602 | 39,199 | 40,688 |

Source: Iowa College and University Enrollment.

## COLLEGES AND UNIVERSITIES...

Iowa's colleges and universities have been a continuous source of both management-level personnel and industrial scientists. In addition, many employees are using the state's educational facilities to improve their value by working toward advanced degrees.

# Iowa's colleges and universities




# higher education in the midwest

| State | 1978-79 Bachelor's Degrees (Requiring 4 or 5 Years) | 1978-79 First Professional Degrees (Requiring at Least 6 Years) | 1978-79 Master's Degrees | 1978-79 Doctor's Degrees (Ph.D., Ed.D., 4 or 5 Years) | 1979-80 Bachelor's Degrees (Requiring 4 or 5 Years) | 1979-80 First Professional Degrees (Requiring at Least 6 Years) | 1979-80 Master's Degrees | 1979-80 Doctor's Degrees (Ph.D., Ed.D., 4 or 5 Years) |
|---|---|---|---|---|---|---|---|---|
| United States | 921,390 | 68,848 | 301,079 | 32,730 | 929,417 | 70,131 | 298,081 | 32,615 |
| Illinois | 43,485 | 4,670 | 16,550 | 1,943 | 44,187 | 4,532 | 16,298 | 1,872 |
| Iowa | 13,378 | 1,428 | 2,535 | 552 | 13,511 | 1,675 | 2,584 | 532 |
| Kansas | 11,786 | 725 | 3,268 | 384 | 11,706 | 643 | 3,126 | 388 |
| Minnesota | 18,467 | 1,654 | 3,317 | 474 | 18,634 | 1,501 | 3,222 | 503 |
| Missouri | 22,034 | 2,276 | 7,714 | 688 | 21,804 | 2,333 | 7,555 | 637 |
| South Dakota | 3,689 | 119 | 683 | 45 | 3,948 | 124 | 604 | 37 |
| Nebraska | 7,398 | 809 | 1,721 | 200 | 7,553 | 776 | 1,689 | 221 |
| Wisconsin | 21,734 | 900 | 5,320 | 807 | 21,807 | 934 | 5,323 | 760 |

Source: U.S. Department of Health, Education and Welfare, Digest of Educational Statistics — 1981 Edition.

# freshman enrollment in institutions of higher learning, Iowa

| Type of Institution | Fall 1960 | 1965 | 1970 | 1975 | 1979 | 1980 | 1981 | 1982 |
|---|---|---|---|---|---|---|---|---|
| State Institutions | 5,253 | 7,708 | 8,170 | 8,367 | 9,080 | 9,825 | 9,961 | 10,276 |
| Private Colleges and Universities | 7,683 | 9,734 | 8,921 | 7,668 | 8,694 | 8,478 | 8,154 | 7,462 |
| Professional and Technical Colleges | — | — | 259 | — | — | — | — | — |
| Area Schools | 1,852 | 5,776 | 12,082 | 12,996 | 16,022 | 17,266 | 17,999 | 18,500 |
| Private Junior Colleges | 1,099 | 1,581 | 1,802 | 1,257 | 1,587 | 393 | 358 | 400 |
| ALL INSTITUTIONS | 15,887 | 24,799 | 31,234 | 30,288 | 35,383 | 35,962 | 36,472 | 36,638 |

Source: Iowa College Aid Commission.

## Number of persons 25 years old and over by years of school completed, 1970

| State | No School Completed | Elementary 8 Years | High School 4 Years | College 4 Years |
|---|---|---|---|---|
| United States | 1,767,753 | 14,015,364 | 34,158,051 | 6,657,604 |
| Illinois | 75,188 | 985,378 | 1,944,720 | 363,454 |
| Iowa | 8,513 | 284,531 | 596,649 | 84,035 |
| Kansas | 8,110 | 197,614 | 438,583 | 80,766 |
| Minnesota | 14,137 | 386,155 | 687,242 | 131,154 |
| Missouri | 24,286 | 520,115 | 795,144 | 134,282 |
| Nebraska | 5,772 | 139,501 | 299,440 | 46,067 |
| South Dakota | 2,052 | 86,684 | 108,908 | 18,647 |
| Wisconsin | 20,749 | 441,159 | 811,048 | 134,420 |

Source: U.S. Department of Commerce, Bureau of the Census, Tables 156 & 157 — PC (1) — C1 U.S. Summary, 1970 Census of Population.

## Estimated average salaries of all teachers in public schools

| | 1966-67 | 1970-71 | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 | 1981-82 |
|---|---|---|---|---|---|---|---|---|---|---|
| Iowa | $6,396 | $9,103 | $10,867 | $11,570 | $12,320 | $13,402 | $14,202 | $15,150 | $16,131 | $17,989 |
| United States | 6,830 | 9,269 | 12,670 | 12,600 | 13,297 | 14,247 | 15,040 | 16,001 | 17,590 | 19,064 |

Source: National Education Association, Research Division, Iowa Department of Public Instruction.

## Number of public and nonpublic Iowa high school graduates, by sex: 1979-80

| Public High School Graduates | | | Nonpublic High School Graduates | | |
|---|---|---|---|---|---|
| Total | Boys | Girls | Total | Church Related | Not Church Related |
| 43,445 | 21,365 | 22,080 | 3,837 | 3,818 | 19 |

## Estimated expenditures for Iowa public elementary and secondary education: 1980-81

(In Thousands of Dollars)

| Total Expenditures | Current Expenditures: Public Elementary and Secondary Day Schools | Capital Outlay | Interest on School Debt |
|---|---|---|---|
| $1,396,925 | $1,276,645 | $100,537 | $19,743 |

Source: U.S. Department of Health, Education and Welfare, Digest of Educational Statistics — 1981 Edition.

# Iowa school enrollment 1981-82

## (Primary and Secondary Education)

| County Name | K-6 | 7-9 | 10-12 | Special Education | Total | Non-Public Enrollment | Total Enrollment All Schools |
|---|---|---|---|---|---|---|---|
| Adair | 671 | 287 | 339 | 6 | 1,303 | — | 1,303 |
| Adams | 439 | 153 | 219 | 31 | 842 | — | 842 |
| Allamakee | 1,348 | 779 | 918 | 53 | 3,098 | 190 | 3,288 |
| Appanoose | 1,365 | 622 | 650 | 62 | 2,699 | 113 | 2,812 |
| Audubon | 651 | 352 | 408 | 6 | 1,417 | — | 1,417 |
| Benton | 2,258 | 1,151 | 1,269 | 50 | 4,728 | 129 | 4,857 |
| Black Hawk | 10,847 | 4,883 | 4,950 | 568 | 21,248 | 3,726 | 24,974 |
| Boone | 2,049 | 954 | 1,061 | 65 | 4,129 | 238 | 4,367 |
| Bremer | 3,154 | 1,635 | 1,658 | 8 | 6,455 | 315 | 6,770 |
| Buchanan | 1,789 | 839 | 920 | 68 | 3,616 | 448 | 4,064 |
| Buena Vista | 1,656 | 684 | 771 | 29 | 3,140 | 358 | 3,498 |
| Butler | 1,643 | 756 | 794 | — | 3,193 | — | 3,193 |
| Calhoun | 1,398 | 675 | 725 | 24 | 2,822 | — | 2,822 |
| Carroll | 1,443 | 622 | 700 | 34 | 2,799 | 2,331 | 5,130 |
| Cass | 1,743 | 776 | 896 | 30 | 3,445 | — | 3,445 |
| Cedar | 1,869 | 956 | 996 | 23 | 3,844 | 11 | 3,855 |
| Cerro Gordo | 3,785 | 1,647 | 1,826 | 192 | 7,450 | 671 | 8,121 |
| Cherokee | 1,585 | 708 | 767 | 40 | 3,100 | — | 3,100 |
| Chickasaw | 1,285 | 701 | 845 | 32 | 2,863 | 238 | 3,101 |
| Clarke | 677 | 390 | 360 | 15 | 1,642 | — | 1,642 |
| Clay | 1,705 | 789 | 852 | 52 | 3,398 | 203 | 3,601 |
| Clayton | 2,052 | 953 | 1,027 | 33 | 4,065 | 193 | 4,258 |
| Clinton | 5,388 | 2,546 | 2,786 | 222 | 10,942 | 906 | 11,848 |
| Crawford | 1,839 | 884 | 979 | 47 | 3,749 | 422 | 4,171 |
| Dallas | 3,293 | 1,504 | 1,465 | 96 | 6,358 | 212 | 6,570 |
| Davis | 848 | 368 | 376 | 8 | 1,600 | — | 1,600 |
| Decatur | 878 | 412 | 392 | 7 | 1,689 | — | 1,689 |
| Delaware | 1,643 | 929 | 1,056 | 49 | 3,677 | 277 | 3,954 |
| Des Moines | 4,197 | 1,947 | 1,913 | 196 | 8,253 | 494 | 8,747 |
| Dickinson | 1,480 | 671 | 672 | 9 | 2,832 | — | 2,832 |
| Dubuque | 6,081 | 3,134 | 4,040 | 530 | 13,785 | 8,444 | 22,229 |
| Emmet | 1,376 | 599 | 644 | 38 | 2,657 | — | 2,657 |
| Fayette | 2,446 | 1,268 | 1,520 | 90 | 5,324 | 335 | 5,659 |
| Floyd | 1,724 | 948 | 1,096 | 92 | 3,860 | 280 | 4,140 |
| Franklin | 905 | 415 | 508 | 34 | 1,862 | 27 | 1,889 |
| Fremont | 956 | 387 | 373 | 10 | 1,726 | — | 1,726 |
| Greene | 1,051 | 523 | 585 | 36 | 2,195 | — | 2,195 |
| Grundy | 1,418 | 675 | 732 | — | 2,825 | 58 | 2,883 |
| Guthrie | 1,419 | 642 | 666 | 23 | 2,750 | — | 2,750 |
| Hamilton | 1,672 | 793 | 860 | 70 | 3,395 | 105 | 3,500 |
| Hancock | 1,319 | 547 | 659 | 8 | 2,533 | 72 | 2,605 |
| Hardin | 2,245 | 1,060 | 1,155 | 60 | 4,520 | 14 | 4,534 |
| Harrison | 1,673 | 815 | 811 | 62 | 3,361 | 65 | 3,426 |
| Henry | 1,907 | 829 | 885 | 51 | 3,672 | — | 3,672 |
| Howard | 1,042 | 541 | 710 | 43 | 2,336 | 306 | 2,642 |
| Humboldt | 1,036 | 527 | 642 | 29 | 2,234 | 121 | 2,355 |
| Ida | 739 | 318 | 374 | 10 | 1,441 | — | 1,441 |
| Iowa | 1,346 | 723 | 849 | 28 | 2,946 | 216 | 3,162 |
| Jackson | 2,019 | 1,035 | 1,157 | 105 | 4,316 | 660 | 4,976 |
| Jasper | 3,507 | 1,572 | 1,699 | 107 | 6,885 | 205 | 7,090 |
| Jefferson | 1,248 | 564 | 596 | 50 | 2,458 | — | 2,458 |

# school enrollment

## (continued)

| County Name | K-6 | 7-9 | 10-12 | Special Education | Total | Non-Public Enrollment | Total Enrollment All Schools |
|---|---|---|---|---|---|---|---|
| Johnson | 5,447 | 2,395 | 2,323 | 180 | 10,345 | 586 | 10,931 |
| Jones | 1,658 | 970 | 1,023 | 42 | 3,693 | 280 | 3,973 |
| Keokuk | 1,214 | 568 | 685 | 11 | 2,478 | 102 | 2,580 |
| Kossuth | 1,525 | 635 | 772 | 54 | 2,986 | 1,370 | 4,356 |
| Lee | 3,434 | 1,469 | 1,729 | 183 | 6,815 | 1,358 | 8,173 |
| Linn | 15,641 | 7,409 | 8,048 | 1,042 | 32,140 | 3,338 | 35,478 |
| Louisa | 1,553 | 729 | 739 | 20 | 3,041 | — | 3,041 |
| Lucas | 944 | 417 | 408 | — | 1,769 | — | 1,769 |
| Lyon | 1,206 | 523 | 623 | — | 2,352 | 183 | 2,535 |
| Madison | 1,514 | 690 | 667 | 46 | 2,917 | — | 2,917 |
| Mahaska | 1,702 | 725 | 731 | 60 | 3,218 | 189 | 3,407 |
| Marion | 2,865 | 1,309 | 1,252 | 99 | 5,525 | 736 | 6,261 |
| Marshall | 3,710 | 1,876 | 1,865 | 204 | 7,655 | 380 | 8,035 |
| Mills | 1,453 | 607 | 547 | 8 | 2,615 | — | 2,615 |
| Mitchell | 917 | 443 | 611 | 16 | 987 | 240 | 2,227 |
| Monona | 1,039 | 469 | 562 | 14 | 2,084 | 91 | 2,175 |
| Monroe | 743 | 341 | 379 | 55 | 1,518 | — | 1,518 |
| Montgomery | 1,256 | 473 | 525 | 19 | 2,273 | — | 2,273 |
| Muscatine | 4,039 | 1,916 | 1,746 | 86 | 7,787 | 279 | 8,066 |
| O'Brien | 1,408 | 650 | 848 | 4 | 2,910 | 525 | 3,435 |
| Osceola | 515 | 239 | 264 | — | 1,018 | 116 | 1,134 |
| Page | 1,724 | 709 | 731 | 68 | 3,232 | 94 | 3,326 |
| Palo Alto | 1,080 | 526 | 686 | 34 | 2,326 | 259 | 2,585 |
| Plymouth | 2,008 | 986 | 1,028 | 28 | 4,050 | 1,097 | 5,147 |
| Pocahontas | 899 | 467 | 566 | 19 | 1,951 | 177 | 2,128 |
| Polk | 26,995 | 12,566 | 12,038 | 1,481 | 53,080 | 5,450 | 58,530 |
| Pottawattamie | 8,827 | 3,733 | 3,908 | 532 | 17,000 | 918 | 17,918 |
| Poweshiek | 1,739 | 796 | 832 | 49 | 3,416 | — | 3,416 |
| Ringgold | 603 | 256 | 257 | 1 | 1,117 | — | 1,117 |
| Sac | 1,280 | 578 | 664 | 30 | 2,552 | 63 | 2,615 |
| Scott | 15,957 | 7,289 | 7,573 | 628 | 31,447 | 2,882 | 34,329 |
| Shelby | 1,228 | 656 | 820 | 65 | 2,769 | 408 | 3,177 |
| Sioux | 1,886 | 857 | 1,026 | 66 | 3,835 | 2,423 | 6,258 |
| Story | 5,006 | 2,305 | 2,390 | 165 | 9,866 | 187 | 10,053 |
| Tama | 1,387 | 895 | 1,004 | 44 | 3,830 | — | 3,830 |
| Taylor | 801 | 314 | 371 | 62 | 1,548 | — | 1,548 |
| Union | 1,314 | 573 | 648 | 53 | 2,588 | 125 | 2,713 |
| Van Buren | 830 | 371 | 398 | 19 | 1,618 | — | 1,618 |
| Wapello | 3,857 | 1,684 | 1,734 | 251 | 7,526 | 96 | 7,622 |
| Warren | 3,906 | 1,621 | 1,668 | 56 | 7,251 | — | 7,251 |
| Washington | 1,781 | 869 | 883 | 40 | 3,573 | 255 | 3,828 |
| Wayne | 722 | 327 | 334 | 16 | 1,399 | — | 1,399 |
| Webster | 3,433 | 1,579 | 1,816 | 201 | 7,029 | 1,419 | 8,448 |
| Winnebago | 1,416 | 685 | 694 | 7 | 2,802 | 10 | 2,812 |
| Winneshiek | 1,212 | 627 | 892 | 40 | 2,771 | 533 | 3,304 |
| Woodbury | 8,996 | 3,694 | 4,078 | 567 | 17,335 | 2,801 | 20,136 |
| Worth | 734 | 329 | 346 | — | 1,409 | — | 1,409 |
| Wright | 1,577 | 694 | 771 | 33 | 3,075 | — | 3,075 |
| State | 257,788 | 119,327 | 127,654 | 10,229 | 514,998 | 51,353 | 566,351 |

K=Kindergarten.
Source: Iowa Department of Public Instruction.

# deposits, loans, midwest (millions)

| Total Gross Loans and Federal Funds Sold | 1970 | 1975 | 1977 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|
| Iowa | $ 3,848 | $ 7,437 | $ 9,990 | $ 11,023 | $ 12,404 | $ 13,136 | $ 13,756 |
| Illinois | 22,023 | 43,015 | 50,525 | 57,634 | 62,937 | 84,317 | 78,412 |
| Kansas | 2,835 | 5,490 | 7,480 | 8,087 | 8,012 | 9,661 | 10,686 |
| Minnesota | 5,629 | 10,127 | 12,843 | 14,587 | 15,921 | 18,699 | 19,000 |
| Missouri | 6,909 | 11,304 | 15,219 | 17,141 | 16,367 | 20,442 | 22,206 |
| Nebraska | 2,166 | 4,103 | 5,450 | 5,887 | 5,945 | 7,190 | 8,070 |
| S. Dakota | 923 | 1,828 | 2,418 | 2,692 | 2,901 | 3,172 | 5,619 |
| Wisconsin | 6,869 | 10,207 | 13,479 | 14,863 | 15,096 | 16,708 | 17,288 |
| Total Midwest | 51,202 | 93,511 | 117,404 | 131,914 | 139,583 | 173,325 | 175,037 |
| **Total Deposits** | | | | | | | |
| Iowa | $ 6,634 | $ 11,799 | $ 14,224 | $ 15,606 | $ 17,025 | $ 18,492 | $ 19,754 |
| Illinois | 34,548 | 59,446 | 68,836 | 74,189 | 77,042 | 109,218 | 89,205 |
| Kansas | 5,017 | 8,791 | 10,803 | 11,705 | 13,164 | 14,077 | 15,184 |
| Minnesota | 9,139 | 14,739 | 18,028 | 19,925 | 21,916 | 25,485 | 25,281 |
| Missouri | 11,456 | 17,260 | 21,286 | 23,084 | 25,367 | 27,388 | 29,218 |
| Nebraska | 3,606 | 6,251 | 7,394 | 8,193 | 8,962 | 9,583 | 10,491 |
| S. Dakota | 1,571 | 2,914 | 3,442 | 3,785 | 4,184 | 4,535 | 6,540 |
| Wisconsin | 9,682 | 15,008 | 18,538 | 19,541 | 20,798 | 22,058 | 22,632 |
| Total Midwest | 81,653 | 136,208 | 162,551 | 176,028 | 188,458 | 230,836 | 189,087 |
| **Mortgage Loans and Contracts** | | | | | | | |
| Iowa | $ 1,691 | $ 3,494 | $ 4,778 | $ 5,367 | $ 5,764 | $ 5,939 | $ 5,959 |
| Illinois | 11,696 | 20,388 | 23,267 | 32,167 | 35,432 | 36,863 | 36,808 |
| Kansas | 1,884 | 3,631 | 4,845 | 5,460 | 5,976 | 6,233 | 6,384 |
| Minnesota | 2,907 | 5,179 | 6,771 | 7,697 | 8,280 | 8,456 | 8,344 |
| Missouri | 3,799 | 7,288 | 9,798 | 11,239 | 12,232 | 12,675 | 12,646 |
| Nebraska | 1,037 | 2,425 | 3,319 | 3,772 | 4,243 | 4,498 | 4,643 |
| S. Dakota | 212 | 454 | 667 | 764 | 813 | 857 | 866 |
| Wisconsin | 3,147 | 6,091 | 8,534 | 9,525 | 10,274 | 10,585 | 10,541 |
| Total Midwest | 26,373 | 43,771 | 66,979 | 75,991 | 83,014 | 86,106 | 86,191 |

Source: Data Base, F.D.I.C. and Federal Home Loan Bank Boards.

# Iowa is a top insurance state, prime source of financing

## (dollars in thousands)

| | 1960 | 1965 | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Life Companies | | | | | | | | |
| Number | 16 | 29 | 29 | 28 | 32 | 35 | 35 | 37 |
| Admitted assets | $2,284,785 | $ 3,105,280 | $ 4,223,141 | $ 6,565,897 | $ 9,900,769 | $11,280,941 | $12,836,050 | $13,896,780 |
| Total income | 405,093 | 640,652 | 961,904 | 1,754,093 | 2,846,909 | 3,307,294 | 3,602,457 | 3,977,279 |
| Life premiums | 207,030 | 317,730 | 466,722 | 896,234 | 1,520,752 | 1,551,227 | 1,399,880 | 1,845,073 |
| Accident-health | 55,072 | 109,358 | 192,334 | 323,564 | 491,681 | 611,049 | 714,887 | 625,098 |
| Total disbursements | 289,578 | 444,496 | 708,793 | 1,206,172 | 1,721,198 | 2,089,661 | 2,380,849 | 2,901,238 |
| Direct benefits | 136,849 | 212,267 | 337,543 | 534,119 | 716,489 | 858,449 | 840,036 | 820,425 |
| Iowa business in force | 1,639,897 | 2,914,357 | 4,987,814 | 5,616,159 | 9,720,437 | 12,070,517 | 1,080,420 | 14,419,694 |
| Total business in force | 8,017,330 | 13,097,593 | 22,469,072 | 40,218,032 | 62,467,338 | 70,870,315 | 93,025,891 | 89,598,941 |
| Fire, Casualty, Multiple Line Companies | | | | | | | | |
| Number | 45 | 46 | 41 | 42 | 46 | 48 | 49 | 50 |
| Admitted assets | $ 287,551 | $ 352,149 | $ 561,444 | $ 946,412 | $1,944,158 | $2,318,344 | $2,530,505 | $2,703,771 |
| Total liabilities | 181,739 | 225,681 | 382,558 | 655,550 | 1,387,571 | 1,644,017 | 1,713,203 | 1,822,139 |
| Total premiums | 209,573 | 252,155 | 421,012 | 719,164 | 1,193,797 | 1,351,826 | 1,416,334 | 1,491,154 |
| Total direct losses | 114,793 | 147,199 | 244,086 | 402,297 | 722,397 | 704,754 | 836,870 | 832,359 |
| Net income | 9,888 | 4,682 | 22,300 | 597 | 91,913 | 135,675 | 154,888 | 87,217 |

Source: Annual Report, Insurance Department, State of Iowa.

# insurance business in Iowa

## (thousands)

| | 1960 | 1965 | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Life insurance | | | | | | | | |
| Life considerations | $ 159,408 | $ 222,335 | $ 309,870 | $ 434,581 | $ 489,037 | $ 507,649 | $ 510,024 | $ 571,483 |
| Direct claims and benefits | 45,246 | 108,378 | 155,075 | 188,382 | 257,005 | 288,883 | 333,045 | 300,486 |
| In force December 31 | 7,712,277 | 11,548,791 | 18,082,838 | 25,346,285 | 37,129,157 | 30,534,029 | 31,329,457 | 46,598,920 |
| Accident and Health | | | | | | | | |
| Total premiums | 44,818 | 99,309 | 164,701 | 231,070 | 319,286 | 313,360 | 340,943 | 380,508 |
| Group premiums | — | — | 100,447 | 148,272 | 189,579 | 195,206 | 228,478 | 261,683 |
| Total claims | 27,766 | 66,950 | 120,896 | 203,168 | 200,087 | 211,223 | 242,179 | 281,302 |
| Group claims | — | — | 88,066 | 124,931 | 145,492 | 155,097 | 189,299 | 244,752 |
| Fire, Casualty, Multiple Line | | | | | | | | |
| Total Premiums | 210,573 | 251,676 | 385,706 | 652,630 | 1,083,894 | 1,192,011 | 1,368,433 | 1,271,699 |
| Fire | 26,719 | 23,412 | 30,442 | 38,104 | 46,948 | 47,843 | 45,235 | 39,322 |
| Homeowners | 11,416 | 22,697 | 35,509 | 65,556 | 111,773 | 104,995 | 114,433 | 118,341 |
| Auto liability (BI, PD) | 42,716 | 60,618 | 89,424 | 141,975 | 225,376 | 249,570 | 260,185 | 268,298 |
| Auto physical damage | 34,192 | 41,988 | 66,195 | 95,412 | 177,630 | 195,104 | 206,670 | 201,606 |
| Workmen's compensation | 12,747 | 16,543 | 27,134 | 69,048 | 128,489 | 168,835 | 191,169 | 197,048 |
| Total direct losses | 110,780 | 136,127 | 203,300 | 342,009 | 555,839 | 609,059 | 753,361 | 687,528 |
| Fire | 10,435 | 10,853 | 14,079 | 15,028 | 16,463 | 17,805 | 20,547 | 17,449 |
| Homeowners | 4,651 | 12,803 | 19,542 | 30,457 | 67,464 | 65,110 | 104,986 | 64,647 |
| Auto liability (BI, PD) | 23,535 | 36,502 | 57,240 | 88,941 | 120,672 | 134,682 | 128,602 | 143,631 |
| Auto physical damage | 18,021 | 23,121 | 39,406 | 72,796 | 110,808 | 116,344 | 142,572 | 117,899 |
| Workmen's compensation | 7,478 | 9,525 | 15,198 | 30,700 | 58,491 | 70,199 | 79,751 | 87,231 |

Source: Annual Report, Insurance Department, State of Iowa.

# financial institutions encourage business growth

## Iowa insured commercial banks
### (dollars in millions)

| | 1967 | 1970 | 1973 | 1976 | 1978 | 1979 | 1980 |
|---|---|---|---|---|---|---|---|
| Number of banks | 662 | 658 | 661 | 652 | 650 | 657 | 657 |
| Total assets | $5,235 | $7,455 | $10,980 | $14,606 | $17,858 | $19,697 | $21,734 |
| Demand deposits | 2,405 | 3,124 | 3,996 | 4,249 | 4,836 | 5,180 | 5,000 |
| Time deposits | 2,295 | 3,510 | 5,554 | 8,786 | 10,770 | 11,845 | 13,476 |
| Total deposits | 4,700 | 6,634 | 9,549 | 13,035 | 15,606 | 17,025 | 18,475 |
| Securities | 1,693 | 2,363 | 3,927 | 4,342 | 4,604 | 4,711 | 6,006 |
| Cash, bank balances | 717 | 1,104 | 1,317 | N/A | N/A | N/A | N/A |

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1968 through 1981.

## Iowa savings and loan associations
### (dollars in millions)

| | 1967 | 1970 | 1973 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|---|---|
| Number of associations | 91 | 83 | 88 | 79 | 78 | 78 | 78 |
| Total assets | $1,588 | $1,966 | $3,039 | $4,813 | $5,618 | $6,320 | $6,815 |
| First mortgage loans | 1,328 | 1,691 | 2,599 | 4,072 | 4,778 | 5,367 | 5,743 |
| Savings capital | 1,416 | 1,691 | 2,643 | 4,181 | 4,781 | 5,325 | 5,704 |

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1968 through 1981.

## Iowa chattel or small loan companies

| | 1967 | 1970 | 1973 | 1976 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Number of offices | 379 | 358 | 347 | 302 | 294 | 292 | 262 | 180 |
| Number of accounts | 122,559 | 107,991 | 86,056 | 58,519 | 55,684 | 49,169 | 52,388 | 49,665 |
| Loans made during year ($000) | 61,762 | 53,724 | 41,547 | 32,682 | 32,245 | 29,350 | 39,691 | 30,625 |
| Loans charged off during year ($000) | 1,246 | 1,783 | 1,728 | 1,605 | 1,286 | 1,270 | 7,917 | 3,666 |
| Total net outstanding ($000) | 48,628 | 47,974 | 39,984 | 27,764 | 25,587 | 25,017 | 33,323 | 33,264 |

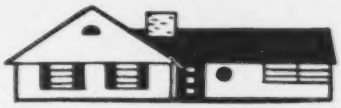
Source: State of Iowa, Annual Report of the Superintendent of Banking.

## Iowa state chartered credit unions
### (dollars in thousands)

| | 1967 | 1970 | 1973 | 1976 | 1978 | 1979 | 1980 | 1981 |
|---|---|---|---|---|---|---|---|---|
| Number (on Jan. 1) | 401 | 426 | 405 | 427 | 391 | 391 | 361 | 364 |
| Total assets | $157,662 | $205,599 | $279,729 | 431,447 | $565,920 | $623,046 | $786,395 | $722,880 |
| Loans | 117,422 | 150,265 | 208,834 | 353,852 | 475,319 | 508,103 | 480,409 | 488,107 |
| Shares and deposits | 140,127 | 181,093 | 246,133 | 357,118 | 471,125 | 547,852 | 707,666 | 640,755 |

Source: State of Iowa, Annual Report of the Credit Union Department.

# housing units Iowa places of 2500 or more inhabitants, 1980



| Units | All Housing Units | Total Year-Round Housing Housing Units | Owner Occupied Number | Owner-Median Value (Dollars) |
|---|---|---|---|---|
| Iowa | 1,131,299 | 1,053,033 | 756,517 | 40,600 |
| Urban | 670,367 | 634,153 | 432,103 | 42,600 |
| Rural | 460,932 | 418,880 | 324,414 | 35,100 |
| Inside SMSA's | 443,675 | 420,658 | 288,607 | 46,500 |
| In Central Cities | 278,718 | 264,634 | 172,148 | 44,500 |
| Not in Central Cities | 98,313 | 93,322 | 65,700 | 51,300 |
| Outside SMSA's | 687,624 | 632,375 | 467,910 | 35,900 |
| Standard Metropolitan Statistical Areas | | | | |
| Cedar Rapids | 64,778 | 61,700 | 44,025 | 46,600 |
| Davenport-Rock Island-Moline, Iowa-Ill. | 144,928 | 138,256 | 95,961 | 48,300 |
| Des Moines | 134,313 | 126,330 | 85,918 | 48,500 |
| Dubuque | 31,506 | 30,021 | 21,655 | 48,600 |
| Iowa City | 31,583 | 30,220 | 16,335 | 58,400 |
| Omaha, Neb.-Iowa | 215,747 | 203,235 | 131,667 | 39,500 |
| Sioux City | 45,151 | 42,348 | 30,058 | 35,900 |
| Waterloo | 50,290 | 48,205 | 34,441 | 46,400 |
| Places of 2,500 Inhabitants or More | | | | |
| Adel | 1,208 | 1,077 | 842 | 46,600 |
| Albia | 1,900 | 1,778 | 1,269 | 28,100 |
| Algona | 2,512 | 2,382 | 1,703 | 44,900 |
| Altoona | 1,964 | 1,872 | 1,361 | 56,300 |
| Ames | 14,809 | 14,015 | 6,573 | 62,000 |
| Anamosa | 1,654 | 1,559 | 1,082 | 38,800 |
| Ankeny | 5,611 | 5,258 | 3,308 | 60,000 |
| Atlantic | 3,353 | 3,141 | 2,232 | 37,700 |
| Audubon | 1,230 | 1,165 | 946 | 36,100 |
| Belle Plaine | 1,303 | 1,222 | 919 | 24,700 |
| Belmond | 1,060 | 1,015 | 753 | 40,100 |
| Bettendorf | 9,668 | 9,333 | 6,927 | 60,700 |
| Bloomfield | 2,849 | 1,201 | 861 | 32,800 |
| Boone | 5,316 | 5,005 | 3,580 | 37,200 |
| Burlington | 12,090 | 11,325 | 7,979 | 35,000 |
| Camanche | 1,654 | 1,603 | 1,279 | 44,900 |
| Carlisle | 1,092 | 1,046 | 832 | 52,000 |
| Carroll | 3,545 | 3,398 | 2,442 | 46,500 |
| Carter Lake | 1,127 | 1,074 | 949 | 27,000 |
| Cedar Falls | 12,189 | 11,712 | 7,890 | 54,500 |
| Cedar Rapids | 43,532 | 41,662 | 28,357 | 45,400 |
| Centerville | ,945 | 2,708 | 1,809 | 24,100 |
| Chariton | 2,345 | 2,169 | 1,542 | 30,300 |
| Charles City | 3,576 | 3,401 | 2,538 | 36,500 |
| Cherokee | 2,863 | 2,689 | 1,823 | 34,800 |
| Clarinda | 2,285 | 2,094 | 1,432 | 33,600 |
| Clear Lake | 3,731 | 2,949 | 2,128 | 47,100 |
| Clinton | 12,895 | 12,261 | 8,722 | 36,600 |
| Clive | 2,342 | 2,195 | 1,229 | 85,700 |
| Coralville | 3,672 | 3,491 | 1,161 | 56,200 |
| Council Bluffs | 21,949 | 20,872 | 14,233 | 30,100 |
| Cresco | 1,646 | 1,576 | 1,240 | 32,400 |
| Creston | 3,642 | 3,403 | 2,473 | 30,900 |
| Davenport | 40,294 | 38,024 | 23,684 | 47,900 |
| Decorah | 2,653 | 2,558 | 1,602 | 45,000 |
| Denison | 2,568 | 2,429 | 1,749 | 43,200 |
| Des Moines | 79,913 | 75,249 | 48,432 | 41,700 |
| De Witt | 1,789 | 1,707 | 1,226 | 48,600 |
| Dubuque | 22,160 | 21,107 | 14,132 | 47,500 |
| Dyersville | 1,334 | 1,295 | 1,057 | 47,000 |
| Eagle Grove | 1,736 | 1,614 | 1,183 | 32,900 |
| Eldora | 1,340 | 1,239 | 932 | 36,400 |
| Eldridge | 1,034 | 976 | 697 | 62,300 |
| Emmetsburg | 1,805 | 1,665 | 1,216 | 36,200 |
| Estherville | 3,075 | 2,854 | 2,112 | 36,300 |
| Evansdale | 1,669 | 1,622 | 1,328 | 36,800 |
| Fairfield | 3,455 | 3,311 | 2,313 | 35,000 |
| Forest City | 1,694 | 1,538 | 1,143 | 38,400 |
| Fort Dodge | 11,636 | 11,120 | 7,410 | 40,700 |
| Fort Madison | 5,328 | 5,043 | 3,536 | 33,600 |
| Garner | 1,063 | 1,015 | 848 | 42,600 |
| Glenwood | 1,759 | 1,662 | 1,153 | 38,700 |
| Grinnell | 3,279 | 3,119 | 2,067 | 43,600 |
| Grundy Center | 1,185 | 1,134 | 913 | 42,600 |
| Hampton | 2,016 | 1,854 | 1,349 | 37,100 |
| Harlan | 2,212 | 2,075 | 1,542 | 38,100 |
| Hawarden | 1,120 | 1,053 | 814 | 31,100 |
| Hiawatha | 1,989 | 1,895 | 1,249 | 50,500 |
| Humboldt | 2,024 | 1,904 | 1,408 | 44,200 |
| Independence | 2,463 | 2,354 | 1,726 | 38,000 |
| Indianola | 4,104 | 3,880 | 2,579 | 51,700 |
| Iowa City | 19,235 | 18,594 | 8,773 | 58,600 |
| Iowa Falls | 2,444 | 2,318 | 1,639 | 38,500 |
| Jefferson | 2,024 | 1,921 | 1,502 | 37,100 |
| Johnston | 1,01[illegible] | 857 | 647 | 60,400 |
| Keokuk | 5,667 | 5,224 | 3,674 | 28,300 |
| Knoxville | 3,141 | 2,977 | 2,126 | 36,800 |
| Lamoni | 850 | 779 | 529 | 32,800 |
| LeClaire | 1,035 | 994 | 791 | 48,100 |
| LeMars | 3,095 | 2,961 | 2,045 | 45,100 |
| Manchester | 2,045 | 1,942 | 1,424 | 39,900 |
| Maquoketa | 2,655 | 2,504 | 1,751 | 40,100 |
| Marion | 7,194 | 6,863 | 5,215 | 49,500 |
| Marshalltown | 10,771 | 10,244 | 7,083 | 41,700 |
| Mason City | 12,617 | 11,884 | 8,293 | 39,300 |
| Missouri Valley | 1,321 | 1,232 | 865 | 27,400 |
| Monticello | 1,492 | 1,425 | 1,077 | 39,700 |
| Mount Pleasant | 2,823 | 2,611 | 1,816 | 41,800 |
| Mount Vernon | 1,006 | 937 | 668 | 46,000 |
| Muscatine | 8,975 | 8,517 | 6,050 | 42,300 |
| Nevada | 2,402 | 2,230 | 1,651 | 45,900 |
| New Hampton | 1,588 | 1,511 | 1,136 | 44,100 |
| Newton | 6,471 | 6,143 | 4,340 | 37,900 |
| Norwalk | 861 | 835 | 649 | 51,900 |
| Oelwein | 3,069 | 2,890 | 2,268 | 34,700 |
| Onawa | 1,396 | 1,315 | 1,008 | 30,200 |
| Orange City | 1,529 | 1,456 | 1,153 | 46,500 |
| Osage | 1,610 | 1,527 | 1,206 | 34,300 |
| Osceola | 1,806 | 1,657 | 1,199 | 30,600 |
| Oskaloosa | 4,777 | 4,458 | 3,011 | 32,300 |
| Ottumwa | 11,459 | 10,914 | 8,269 | 26,000 |
| Pella | 3,070 | 2,919 | 2,041 | 48,300 |
| Perry | 2,980 | 2,764 | 1,929 | 34,300 |
| Pleasant Hill | 1,182 | 1,088 | 921 | 58,100 |
| Red Oak | 3,021 | 2,819 | 2,019 | 34,500 |
| Rock Rapids | 1,182 | 1,099 | 841 | 36,900 |
| Rock Valley | 994 | 949 | 755 | 38,000 |
| Sac City | 1,284 | 1,212 | 888 | 32,400 |
| Sheldon | 5,003 | 1,846 | 1,370 | 39,100 |
| Shenandoah | 2,834 | 2,616 | 1,681 | 30,200 |
| Sibley | 1,234 | 1,171 | 932 | 34,500 |
| Sioux Center | 1,470 | 1,420 | 1,071 | 47,800 |
| Sioux City | 32,007 | 30,098 | 21,139 | 35,800 |
| Spencer | 4,803 | 4,550 | 3,043 | 45,000 |
| Spirit Lake | 1,717 | 1,537 | 1,103 | 43,700 |
| Storm Lake | 3,363 | 3,243 | 2,221 | 43,400 |
| Story City | 1,137 | 1,074 | 771 | 48,000 |
| Tama | 1,194 | 1,119 | 861 | 28,200 |
| Tipton | 1,317 | 1,255 | 900 | 41,700 |
| Urbandale | 6,904 | 6,412 | 4,420 | 68,600 |
| Vinton | 2,157 | 1,991 | 1,472 | 36,200 |
| Washington | 2,772 | 2,618 | 1,908 | 36,200 |
| Waterloo | 29,545 | 28,349 | 19,847 | 43,700 |
| Waukon | 1,654 | 1,558 | 1,180 | 34,800 |
| Waverly | 2,985 | 2,895 | 2,055 | 50,400 |
| Webster City | 3,433 | 3,243 | 2,392 | 40,300 |
| West Burlington | 1,466 | 1,409 | 988 | 38,800 |
| West Des Moines | 8,927 | 8,312 | 5,410 | 66,100 |
| West Liberty | 1,042 | 990 | 726 | 42,800 |
| West Union | 1,118 | 1,074 | 821 | 36,000 |
| Wilton | 963 | 910 | 660 | 47,300 |
| Windsor Heights | 2,217 | 2,159 | 1,709 | 69,000 |
| Winterset | 1,732 | 1,638 | 1,173 | 36,300 |

Source: General Housing Characteristics, 1980 Census of Housing, Bureau of the Census.

# median value of housing units, midwest

| State | Total Housing Units | Occupied Housing Units: Owner Occupied: Total | Owner Occupied: Median Value (Dollars) | Owner Occupied: Vacancy Rate | Renter Occupied: Total | Renter Occupied: Median Contract Rent (Dollars) | Renter Occupied: Vacancy Rate |
|---|---|---|---|---|---|---|---|
| Illinois | 4,316,973 | 2,531,697 | 52,800 | 1.8 | 1,511,047 | 201 | 6.9 |
| Indiana | 2,091,725 | 1,381,969 | 37,200 | 1.6 | 545,009 | 166 | 8.5 |
| IOWA | 1,131,103 | 756,381 | 40,600 | 1.6 | 296,466 | 175 | 7.3 |
| Kansas | 954,906 | 612,435 | 37,800 | 2.3 | 259,804 | 168 | 9.2 |
| Minnesota | 1,613,342 | 1,036,029 | 53,100 | 1.5 | 409,587 | 212 | 5.8 |
| Missouri | 1,989,259 | 1,249,034 | 36,700 | 2.0 | 544,686 | 153 | 9.0 |
| Nebraska | 624,829 | 390,931 | 38,000 | 2.0 | 180,469 | 170 | 7.9 |
| North Dakota | 258,772 | 156,498 | 43,900 | 2.6 | 71,166 | 175 | 8.9 |
| Ohio | 4,107,983 | 2,622,880 | 44,900 | 1.5 | 1,210,826 | 167 | 7.7 |
| South Dakota | 276,997 | 168,002 | 36,600 | 2.1 | 74,521 | 148 | 10.1 |
| Wisconsin | 1,863,981 | 1,127,419 | 48,600 | 1.3 | 524,935 | 185 | 5.0 |

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

# housing units by county, 1980

| Counties | Total Housing Units | Occupied Housing Units: Owner Occupied: Total | Owner Occupied: Median Value (Dollars) | Renter Ocupied: Total | Renter Ocupied: Median Contract Rent (Dollars) |
|---|---|---|---|---|---|
| Iowa | 1,131,103 | 756,381 | 40,600 | 296,466 | 175 |
| Adair | 3,963 | 2,753 | 27,800 | 862 | 104 |
| Adams | 2,478 | 1,703 | 23,500 | 513 | 104 |
| Allamakee | 6,578 | 4,011 | 32,900 | 1,204 | 119 |
| Appanoose | 6,706 | 4,565 | 21,200 | 1,446 | 112 |
| Audubon | 3,524 | 2,458 | 31,100 | 734 | 109 |
| Benton | 9,090 | 6,523 | 34,700 | 2,038 | 147 |
| Black Hawk | 50,290 | 34,441 | 46,400 | 13,764 | 205 |
| Boone | 10,427 | 7,208 | 37,700 | 2,523 | 155 |
| Bremer | 8,811 | 6,585 | 46,900 | 1,869 | 161 |
| Buchanan | 8,222 | 5,982 | 37,000 | 1,690 | 146 |
| Buena Vista | 8,198 | 5,461 | 38,900 | 2,212 | 138 |
| Butler | 6,779 | 5,037 | 34,900 | 1,319 | 124 |
| Calhoun | 5,782 | 3,766 | 29,500 | 1,347 | 123 |
| Carroll | 8,379 | 5,816 | 38,900 | 2,053 | 156 |
| Cass | 7,025 | 4,748 | 31,600 | 1,776 | 123 |
| Cedar | 7,312 | 4,918 | 42,000 | 1,853 | 152 |
| Carro Gordo | 20,931 | 13,391 | 40,600 | 5,303 | 168 |
| Cherokee | 6,475 | 4,261 | 34,100 | 1,738 | 122 |
| Chickasaw | 5,701 | 4,244 | 39,300 | 1,115 | 137 |
| Clarke | 3,715 | 2,554 | 28,900 | 802 | 140 |
| Clay | 8,043 | 5,093 | 42,000 | 2,284 | 166 |
| Clayton | 8,557 | 5,673 | 32,300 | 1,814 | 119 |
| Clinton | 21,370 | 14,970 | 39,100 | 5,375 | 182 |
| Crawford | 7,094 | 4,982 | 34,800 | 1,679 | 151 |
| Dallas | 11,555 | 8,077 | 42,700 | 2,611 | 155 |
| Davis | 3,579 | 2,564 | 28,400 | 714 | 116 |
| Decatur | 3,974 | 2,565 | 21,100 | 893 | 103 |
| Delaware | 6,542 | 4,839 | 37,700 | 1,380 | 130 |
| Des Moines | 18,567 | 12,746 | 37,500 | 4,604 | 157 |
| Dickinson | 10,187 | 4,604 | 43,800 | 1,429 | 154 |
| Dubuque | 31,506 | 21,655 | 48,600 | 8,366 | 176 |
| Emmet | 5,268 | 3,556 | 35,100 | 1,288 | 150 |
| Fayette | 9,721 | 7,112 | 32,400 | 1,981 | 126 |
| Floyd | 7,587 | 5,485 | 36,700 | 1,599 | 137 |
| Franklin | 5,421 | 3,632 | 35,000 | 1,378 | 151 |
| Fremont | 4,016 | 2,568 | 25,100 | 1,020 | 109 |
| Greene | 5,020 | 3,385 | 29,300 | 1,297 | 120 |
| Grundy | 5,480 | 3,934 | 42,000 | 1,294 | 151 |
| Guthrie | 5,287 | 3,458 | 26,600 | 1,114 | 108 |
| Hamilton | 7,144 | 4,834 | 37,600 | 1,789 | 148 |
| Hancock | 5,410 | 3,766 | 36,100 | 1,236 | 142 |
| Hardin | 8,799 | 6,023 | 35,000 | 2,138 | 147 |
| Harrison | 6,357 | 4,406 | 26,800 | 1,551 | 108 |
| Henry | 7,241 | 5,120 | 37,300 | 1,587 | 149 |
| Howard | 4,271 | 3,159 | 29,300 | 853 | 109 |
| Humboldt | 5,017 | 3,411 | 37,400 | 1,209 | 146 |
| Ida | 3,634 | 2,436 | 30,300 | 933 | 109 |
| Iowa | 5,872 | 4,253 | 35,200 | 1,345 | 148 |
| Jackson | 8,564 | 5,784 | 38,600 | 1,848 | 134 |
| Jasper | 14,447 | 10,140 | 37,700 | 3,424 | 152 |
| Jefferson | 6,024 | 4,239 | 33,300 | 1,477 | 136 |
| Johnson | 31,583 | 16,335 | 58,400 | 13,885 | 212 |
| Jones | 7,349 | 5,234 | 35,600 | 1,697 | 128 |
| Keokuk | 5,398 | 3,899 | 21,500 | 985 | 108 |
| Kossuth | 8,243 | 5,639 | 37,600 | 2,167 | 136 |
| Lee | 16,684 | 11,673 | 33,800 | 3,945 | 158 |
| Linn | 64,778 | 44,025 | 46,600 | 17,745 | 208 |
| Louisa | 4,828 | 3,274 | 35,700 | 944 | 140 |
| Lucas | 4,503 | 3,085 | 28,200 | 960 | 109 |
| Lyon | 4,776 | 3,385 | 32,700 | 1,103 | 108 |
| Madison | 4,967 | 3,494 | 36,000 | 1,081 | 123 |
| Mahaska | 9,151 | 6,085 | 32,400 | 2,362 | 151 |
| Marion | 11,021 | 7,743 | 39,600 | 2,579 | 165 |
| Marshall | 16,338 | 11,005 | 40,500 | 4,405 | 177 |
| Mills | 4,832 | 3,422 | 35,300 | 1,115 | 146 |
| Mitchell | 4,735 | 3,547 | 31,900 | 885 | 119 |
| Monona | 4,877 | 3,321 | 25,800 | 1,147 | 101 |
| Monroe | 3,822 | 2,719 | 26,700 | 791 | 116 |
| Montgomery | 5,800 | 3,851 | 30,900 | 1,419 | 128 |
| Muscatine | 15,245 | 10,449 | 43,400 | 3,765 | 178 |
| O'Brien | 6,659 | 4,770 | 34,400 | 1,484 | 121 |
| Osceola | 3,266 | 2,299 | 29,700 | 751 | 126 |
| Page | 8,073 | 5,041 | 30,000 | 2,276 | 119 |
| Palo Alto | 5,244 | 3,352 | 31,700 | 1,272 | 138 |
| Plymouth | 8,860 | 6,203 | 40,900 | 2,222 | 145 |
| Pocahontas | 4,661 | 3,086 | 29,200 | 1,184 | 118 |
| Polk | 122,136 | 76,856 | 48,100 | 37,961 | 229 |
| Pottawattamie | 32,395 | 22,197 | 32,300 | 8,584 | 170 |
| Poweshiek | 8,075 | 4,886 | 37,300 | 1,979 | 153 |
| Ringgoid | 2,975 | 1,871 | 20,100 | 538 | 105 |
| Sac | 6,073 | 3,918 | 30,200 | 1,435 | 110 |
| Scott | 59,764 | 38,028 | 51,700 | 18,649 | 226 |
| Shelby | 5,611 | 3,831 | 33,800 | 1,387 | 118 |
| Sioux | 10,414 | 7,788 | 40,000 | 2,127 | 123 |
| Story | 25,154 | 13,812 | 55,100 | 9,853 | 208 |
| Tama | 7,716 | 5,423 | 32,400 | 1,663 | 124 |
| Taylor | 3,682 | 2,505 | 21,200 | 779 | 100 |
| Union | 5,748 | 3,973 | 28,400 | 1,341 | 130 |
| Van Buren | 3,484 | 2,570 | 19,600 | 625 | 100 |
| Wapello | 16,350 | 12,039 | 25,900 | 3,397 | 151 |
| Warren | 12,177 | 9,062 | 51,300 | 2,451 | 185 |
| Washington | 7,693 | 5,400 | 37,000 | 1,813 | 145 |
| Wayne | 3,852 | 2,585 | 19,900 | 730 | 100 |
| Webster | 17,799 | 11,855 | 39,500 | 5,031 | 162 |
| Winnebago | 5,251 | 3,623 | 36,200 | 1,222 | 129 |
| Winneshiek | 7,420 | 5,160 | 38,800 | 1,903 | 144 |
| Woodbury | 39,022 | 25,993 | 35,600 | 10,639 | 170 |
| Worth | 3,724 | 2,686 | 33,300 | 766 | 119 |
| Wright | 6,945 | 4,490 | 34,500 | 1,735 | 126 |

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

# Iowa community betterment

The Iowa Community Betterment Program is a viable tool which is helping to reshape Iowa communities for the future. This model program of "self help" touches the lives of thousands of Iowans every year. Volunteers in Iowa cities are urged to sit down, talk over concerns and develop goals and objectives for addressing those issues.

This program is the largest of its kind in the country and there are cash awards for local success stories. However, the greatest rewards are for those communities where volunteers pitch in, roll up their sleeves and work alongside the local government to accomplish worthwhile community projects.

1982 Participants

Ackley
Adair
Afton
Albia
Alden
Allerton
Alta
Altoona
Ankeny
Archer
Argyle
Arlington
Arthur
Ashton
Atlantic
Auburn
Aurelia

Bancroft
Beaconsfield
Beaman
Belmond
Benton
Blencoe
Blockton
Bonaparte
Boone
Braddyville
Brooklyn
Buffalo
Buffalo Center

Calamus
Calumet
Camanche
Carlisle
Carpenter
Carson
Cedar Rapids
Center Junction
Central City
Chariton
Charles City
Charlotte
Charter Oak
Cherokee
Churdan
Clarence
Clarinda
Clarion
Clarksville
Columbus Junction
Conesville
Coon Rapids
Corwith
Corydon
Coulter
Council Bluffs
Cresco
Creston

Dallas
Decorah
Defiance
Delta
Denison
DeWitt
Diagonal
Dougherty
Dows
Dubuque

Eagle Grove
Early
Eldora
Elliott
Ellston
Estherville

Fayette
Fertile
Forest City
Fort Dodge
Fort Madison

Garden Grove
Garner
Glenwood
Goldfield
Gowrie
Grafton
Grand River
Gravity
Greene
Grinnell
Guttenberg

Hampton
Hanlontown
Hansell
Harlan
Hartley
Hawarden
Hedrick
Holstein
Hubbard

Ida Grove
Independence

Jefferson
Jesup
Joice
Jewell

Kalona
Kellerton
Kensett
Kirkman
Knoxville

Lake View
Lamoni
LeClaire
Lewis
Logan
Lone Tree
Lorimor
Lovilia
Low Moor
LuVerne

Manilla
Manly
Maquoketa
Marble Rock
Marion
Marquette
Marshalltown
Maxwell
Maysville
Melrose
Milo
Mitchellville
Mondamin
Monena
Monticello
Moorhead
Mount Ayr
Mount Pleasant
Murray

Nevada
New London
Nichols
Nodaway
Northboro
Northwood

Oakland
Onawa
Oto
Ottumwa
Parkersburg
Parnell
Perry
Peterson
Pleasant Hill
Pleasant Plain
Primghar

Red Oak
Remsen
Riceville
Riverside
Rock Rapids
Rockwell
Roland
Rowan
Russell

Sac City
Saint Ansgar
Schleswig
Sheffield
Sheldon
Shenandoah
Sidney
Sioux Center
Sioux Rapids
Soldier
Spirit Lake
Springville
Stanhope
Stratford
Strawberry Point

Tama
Titonka
Tripoli

Urbandale

Vinton

Wadena
Waverly
Webster City
Welton
West Union
What Cheer
Winterset
Wiota

NEIGHBORHOODS:
Cedar Rapids-Czech Village
Council Bluffs-Southside
Des Moines-Drake Neighborhood
Logan Neighborhood
Pioneer-Columbus
Southeast
Fort Dodge-Cooper Knollcrest
Hillcrest
Marshalltown-Norris School
Sioux City-Prospect Hill
Waterloo-Highland

# 1982 outstanding achievement and youth involvement winners

CATEGORY I — Under 250 — Outstanding Achievement

1. **$500 Blencoe** — surveyed youth; lobbied to keep school; the youth sponsored "Family Togetherness Nights."
2. **$400 Kirkman** — beautified community; continued park construction; held community celebration.
3. **$300 Welton** — held community meeting; raised money for community center; youth established a newspaper.
4. **$200 Hanlontown** — erected street signs and placed logos on rural mailboxes; held community celebration; planned park improvements.
5. **$100 Hansell** — continued planning for community center; beautified community; restored ball park.

**$50 Honorable Mention — Benton** — installed bathroom in community building; improved park; lobbied to save town post office.

**Youth Involvement — $500 Blencoe** — see above.

**$50 Honorable Mention — Welton** — see above.

CATEGORY II — 251-497 — Outstanding Achievement

1. **$500 Diagonal** — built emergency vehicle; the youth planted trees, sponsored drug abuse program, held bike-a-thon for cystic fibrosis, sponsored Art in the Park celebration; the Lions replaced downtown sidewalks, made improvements to Lions' and community restaurant, made improvements to Lions' Community Building.
2. **$400 Peterson** — improved fire and emergency medical services; sponsored touring arts team visit; planned welcome for RAGBRAI.
3. **$300 Low Moor** — held community meeting; established recreation program; added rescue unit to fire department, gave EMT instruction.
4. **$200 Rowan** — built multi-purpose recreational court; painted mural; beautified community.
5. **$100 Auburn** — raised money for recreation facility; held health and safety workshops; beautified community.

**Youth Involvement — $500 Diagonal** — see above.

**$50 Honorable Mention — Charlotte** — youth planted garden for elderly and poor; held bike-a-thon for hospitalized children; participated in first aid instruction.

**$50 Honorable Mention — Mondamin** — youth and adults painted mural; insulated fire station; published monthly newsletter.

CATEGORY III — 498-950 — Outstanding Achievement

1. **$500 Hedrick** — restored park; built sign pointing to main street; held community celebration.
2. **$400 Hubbard** — built mini-park downtown; built senior citizen housing; raised money for new ambulance.
3. **$300 Carson** — formed community council; improved downtown area; continued construction of recreational area.
4. **$200 Titonka** — renovated community center; continued community beautification; held community variety show.
5. **$100 Schleswig** — improved tennis courts; held safety awareness and training program; established community endowment fund.

**$50 Honorable Mention — Arlington** — built library and community center; built solar collectors for senior citizen housing.

**Youth Involvement — $500 Murray** — formed police reserve; established youth crime prevention program; cleaned up community.

**$50 Honorable Mention — Charter Oak** — surveyed community; cleaned up community; rebuilt community cafe.

CATEGORY IV — 951-1,439 — Outstanding Achievement

1. **$500 Greene** — surveyed youth; cleaned up river bank; continued "Welcome Sign" project.
2. **$400 Sidney** — bought Jaws of Life; erected street signs, sold house numbers and compiled phone book; developed nature trail.
3. **$300 Columbus Junction** — painted mural; cleaned up community; improved community building.
4. **$200 Jewell** — built park shelter; raised money for band uniforms; organized community club.
5. **$100 Primghar** — sponsored community theater performances and projects; began fund raising for medical center; taught CPR courses.

**$50 Honorable Mention — Roland** — established program to lower peak energy demands; established library; beautified community.

**Youth Involvement — $500 Greene** — see above.

**$50 Honorable Mention — Saint Ansgar** — the youth performed variety of projects; began effort to recruit doctor; established first aid program.

CATEGORY V — 1,440-2,700 — Outstanding Achievement

1. **$500 Jesup** — recruited new doctor; raised money to buy new ambulance; beautified community.
2. **$400 Coon Rapids** — developed outdoor classroom; cleaned up fairgrounds; bought Jaws of Life.
3. **$300 Corydon** — surveyed community; established arts council; began senior citizens recreation program.
4. **$200 Holstein** — held centennial celebration; held fire prevention activities; began drug awareness program.
5. **$100 Fayette** — surveyed community; established meals-on-wheels program; cleaned up park.

**$50 Honorable Mention — Mount Ayr** — rebuilt church and community hall; continued park improvements; youth performed variety of projects.

**$50 Honorable Mention — Remsen** — built park shelter house; surveyed community.

**Youth Involvement — $500 Monona** — youth erected flag poles, improved park, took CPR classes, set up peer helper program; improved park; established drug abuse program.

CATEGORY VI — 2,701-4999 — Outstanding Achievement

1. **$500 Camanche** — held town meeting; raised money for community hall renovation; restored depot as museum.
2. **$400 Onawa** — began fund raising for new ambulance; began crime prevention program; started farmers' market..
3. **$300 Monticello** — organized program to encourage erection of martin houses; beautified community; sponsored youth soccer program.
4. **$200 LeClaire** — continued efforts to save ambulance service; held activities for youth; established chamber of commerce.
5. **$100 Eldora** — raised money for fire equipment; held community health programs; organized summer recreation program.

**$50 Honorable Mention — Clarion** — resurfaced tennis courts; built helipad for air ambulance; held community festival.

**$50 Honorable Mention — West Union** — established emergency medical service; developed cardiac rehabilitation program; bought Jaws of Life.

**Youth Involvement — $500 Monticello** — see above.

CATEGORY VII — 5,000-10,000 — Outstanding Achievement

1. **$500 Decorah** — continued fund raising for group home for mentally retarted; continued park clean-up; began community fitness program; added youth to community committee; raised money and began work on community theater building; continued improvements to nature area.
2. **$400 Maquoketa** — surveyed community; continued crime prevention program; established youth center; 4-H youth performed several projects; held summer recreation program; began work to create tourist attraction out of old lime kilns.
3. **$300 Cherokee** — held community clean-up day; began development of park; continued improvements to park; raised money for TVs and cable service at hospital; raised money for Little League equipment; sponsored crime prevention program.
4. **$200 Creston** — held community stop smoking program; set up support program for terminally ill patients and families; the youth made improvements to an elderly couple's home; continued volunteer support for health care scholarships and hospital equipment; restored park fountain; held crime prevention program.
5. **$100 Vinton** — held community meeting; began publishing community newsletter; worked to attract doctors; began beautification award for businesses; began citizen of month award; added train rides to community celebration.

**$50 Honorable Mention — Glenwood** — began fund raising for library addition; took community survey; improved park; sponsored bloodmobile; built amphitheater; formed concerned parents organization.

**$50 Honorable Mention — Denison** — began fund raising for library; started planning for auditorium-recreation complex; began fund raising for sheltered workshop; established program for temporary help to needy; established support program for new fire station.

**Youth Involvement — $500 Chariton** — high school students answered children's letters to Santa; youth made improvements to senior citizens' center; continued community clean-up; relocated public mailboxes; planted trees in community; started a program for volunteer tutoring of elementary pupils.

CATEGORY VIII — Over 10,000 — Outstanding Achievement

1. **$500 Boone** — continued planning for park; painted mural; youth committee started several projects; held fundraiser for "Y"; held Pufferbilly Days celebration.
2. **$400 Marion** — helped Marion, Ill., tornado victims; developed crime watch program; promoted bond issue for new police station; youth did odd jobs for handicapped and elderly; held arts and music festival; continued community theater.
3. **$300 Ankney** — formed community theater; set up juvenile justice council; established peer helpers program for high school students; built new ball diamond complex; set up Founders Day celebration; raised money for restoration of barn for art shows and classes.
4. **$200 Cedar Rapids** — began drug abuse program; continued library programs for children; continued crime watch program; held fine arts festival; continued restoration of Paramount Theater; began volunteer instruction programs for elementary pupils.

5. **$100 Urbandale** — held community celebration; continued community chorus; continued community band; sponsored tree and daisy sale; built fitness trail; sponsored Health Month.
   **Youth Involvement — $500 Fort Dodge** — youth held a radio show fundraiser; held talent show; held fun-run and mini-run; held music show; held carnival; sponsored Fourth of July celebration.
   **$50 Honorable Mention — Boone** — see above.
   **$50 Honorable Mention — Ottumwa** — the high school vocational club sponsored activities; produced musical-comedy revue.

CATEGORY IX — Neighborhoods (cities over 25,000) — Outstanding Achievement

1. **$500 Drake Neighborhood, Des Moines** — published historical book; cleaned up park; set up neighborhood organization.
2. **$400 Southside Neighborhood, Council Bluffs** — continued volunteer organization of sixth graders; remodeled youth shelter; built tool-lending library.
3. **$300 Highland Neighborhood, Waterloo** — sponsored 22 different activites and events to bring neighborhood together; improved park; held spring festival.
4. **$200 Hillcrest Neighborhood, Fort Dodge** — painted church basement; raised money; sponsored childrens' parties.
5. **$100 Southeast Nieghborhood, Des Moines** — collected and distributed used clothing; youth cleaned up community.
   **$50 Honorable Mention — Norris School, Marshalltown** — developed plans to convert vacant school grounds to park and playground.
   **Youth Involvement — $500 Southeast Neighborhood, Des Moines** — see above.
   **$50 Honorable Mention — Southside Neighborhood, Council Bluffs** — see above.

# 1982 art and energy awards

**Iowa Arts Council Awards**
**$300 Cedar Rapids** — sponsored library programs for children; held fine arts festival; continued restoration of Paramount Theater.
**$300 Drake Neighborhood, Des Moines** — published historical book.
**$200 Clarion** — held festival celebrating art, history, music.
**$100 Beaman** — designed and dressed wooden dolls.
**$100 Corydon** — established arts council that sponsored three recitals, arts and crafts show, touring arts team, repertory theater, sales of local artists' prints.
**$100 Czech Village, Cedar Rapids** — produced educational kits of Czech heritage and culture.
**$100 Diagonal** — held Art in the Park event.
**$100 Fort Madison** — continued community theater.
**$100 Lewis** — held craft and antique flea market; renovated bandstand.
**$100 Maquoketa** — raised money and began work on community theater building.
**$100 Marion** — held art and music festival; continued community theater.
**$100 Primghar** — sponsored community theater performances and projects.
**$100 Tama** — organized arts council.

**Iowa Blue Flame Gas Asociation energy awards**
Outstanding Achievement
1. **$500 Forest City** — installed energy-saving lights downtown.
2. **$400 Sioux Center** — held an energy fair and began a home energy audit program.
3. **$300 Tama** — renovated 17 homes in older neighborhood.
4. **$300 Carpenter** — developed and implemented 12-point energy-saving plan.
5. **$200 Calamus** — insulated community meeting hall.
6. **$100 Boone** — planned energy efficient features for "Y" expansion.

**$75 Honorable Mention — Auburn** — insulated community building.
**$75 Honorable Mention — Blockton** — bought new furnaces for community building.
**$75 HOnorable Mention — Pleasant Plain** — insulated and remodeled community center.
**Youth Involvement — $300 Gowrie** — raised money for new youth center.

# 1982 Iowa community betterment sponsors

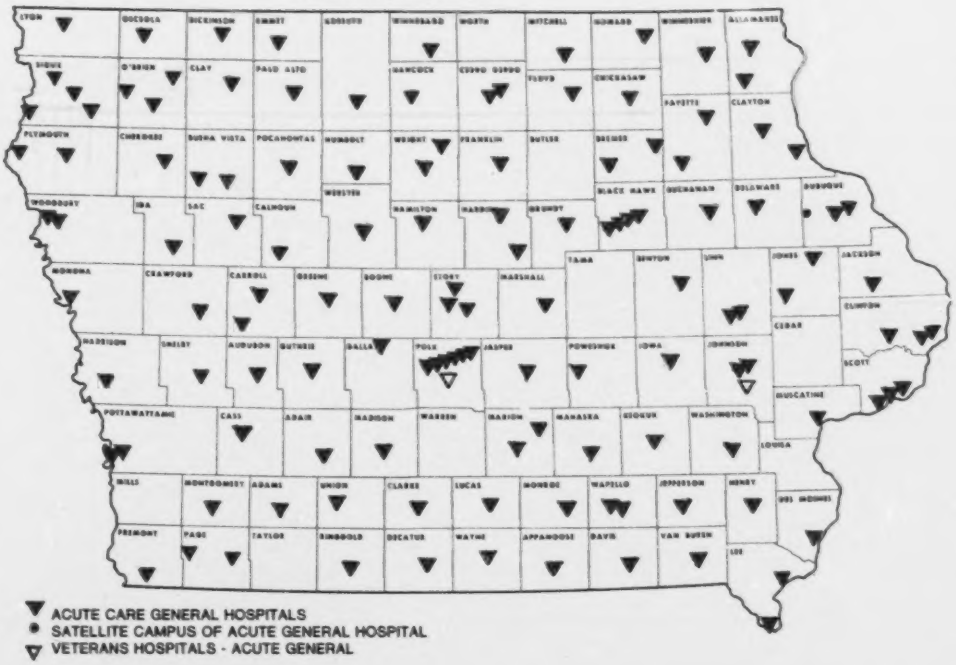
American Legion of Iowa
Bankers Life
Central Telephone Company
Continental Telephone of Iowa
Deere and Company
Farmland Industries, Inc.
Interstate Power Company
Iowa Association of Electric Cooperatives
Iowa Bankers Association
Iowa Electric Light and Power Company
Iowa Farm Bureau Federation
Iowa-Illinois Gas and Electric Company
Iowa Power and Light Company
Iowa Public Service Company
Iowa Southern Utilities Company
Michigan Wisconsin Pipe Line Company
Natural Gas Pipeline Company of America
Northern Natural Gas Company
Peoples Natural Gas Company
United Telephone Company of Iowa

# Iowans have ready access to health care

**NUMBER OF PHYSICIANS (M.D.'s and D.O.'s) BY COUNTY, 1981**

Source: Iowa Department of Health.

**IOWA HOSPITAL**




Source: Iowa State Department of Health, Office for Health Planning & Development.

# discharges in IOWA hospitals, by disease code per 10,000 population[1] 1977

| Condition | 00-14 | | 15-44 | | 45-64 | | 65+ | | ALL AGES | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Value | Rank | Value | Rank | Value | Rank | Value | Rank | Value | Rank |
| Infective/Parasitic | 63.5 | 4 | 50.1 | 12 | 35.1 | 21 | 81.1 | 17 | 54.3 | 13 |
| Malignant Neoplasms | 6.3 | 17 | 17.8 | 22 | 133.1 | 5 | 347.5 | 2 | 80.2 | 8 |
| Benign/Unspec. Neoplasms | 5.6 | 19 | 33.5 | 15 | 52.0 | 15 | 44.0 | 25 | 31.8 | 23 |
| Diabetes Mellitus | 4.3 | 22 | 11.8 | 26 | 35.4 | 20 | 73.4 | 19 | 22.5 | 27 |
| Other Endo., Nutr., Metabol. | 5.9 | 18 | 8.7 | 28 | 17.8 | 29 | 19.9 | 29 | 11.3 | 31 |
| Mental/Personality | 24.6 | 11 | 110.6 | 5 | 116.0 | 7 | 94.7 | 14 | 88.8 | 6 |
| Eye/Visual Impairment | 17.0 | 13 | 7.9 | 29 | 37.2 | 18 | 149.6 | 10 | 34.1 | 21 |
| Nervous/Sense Organs | 42.4 | 9 | 51.4 | 9 | 96.2 | 8 | 121.3 | 11 | 67.1 | 11 |
| Heart, Nec. | 1.7 | 25 | 19.2 | 21 | 193.5 | 1 | 531.4 | 1 | 115.3 | 5 |
| Hypertensive, Nec. | 0.4 | 31 | 4.9 | 32 | 23.6 | 28 | 27.3 | 26 | 10.4 | 32 |
| Cerebrovascular | 0.6 | 30 | 3.2 | 33 | 34.9 | 22 | 225.8 | 5 | 37.4 | 17 |
| Varicose Veins | 0.0 | 34 | 3.1 | 34 | 9.2 | 31 | 10.8 | 31 | 4.6 | 34 |
| Hemorrhoids | 0.0 | 33 | 6.8 | 30 | 11.0 | 30 | 11.2 | 30 | 6.5 | 33 |
| Other Circulatory | 5.2 | 20 | 25.1 | 19 | 80.4 | 10 | 166.8 | 9 | 49.4 | 15 |
| Upper Respiratory | 117.1 | 2 | 42.2 | 13 | 26.4 | 27 | 21.3 | 27 | 54.5 | 12 |
| Other Respiratory | 132.9 | 1 | 62.9 | 8 | 134.2 | 4 | 274.8 | 4 | 121.2 | 4 |
| Ulcer-Stomach/Duodenum | 0.7 | 27 | 13.3 | 25 | 29.7 | 24 | 58.4 | 20 | 19.3 | 28 |
| Appendicitis | 22.0 | 12 | 26.7 | 18 | 8.1 | 32 | 3.8 | 32 | 19.0 | 29 |
| Hernia of Abdominal Cav. | 26.3 | 10 | 17.8 | 23 | 59.5 | 11 | 82.5 | 16 | 36.4 | 18 |
| Gallbladder | 0.2 | 32 | 30.0 | 17 | 56.1 | 14 | 90.2 | 15 | 35.7 | 20 |
| Other Digestive | 45.3 | 8 | 132.7 | 3 | 169.4 | 2 | 298.2 | 3 | 140.1 | 3 |
| Male Genital Disorders | 7.6 | 16 | 10.2 | 27 | 33.1 | 23 | 102.4 | 13 | 25.9 | 25 |
| Female Genital Disorders | 3.9 | 24 | 118.0 | 4 | 116.9 | 6 | 45.1 | 24 | 80.8 | 7 |
| Other Genitourinary | 51.1 | 7 | 50.3 | 10 | 85.8 | 9 | 172.0 | 8 | 73.1 | 10 |
| Deliveries | 0.7 | 28 | 373.1 | 1 | 0.0 | 34 | 0.3 | 33 | 160.9 | 2 |
| Comp. Pregnancy/Puerper. | 1.1 | 26 | 83.4 | 6 | 0.5 | 33 | 0.0 | 34 | 36.3 | 19 |
| Skin/Subcutaneous Tissue | 14.8 | 14 | 23.3 | 20 | 28.2 | 25 | 58.4 | 21 | 26.7 | 24 |
| Arthritis | 0.7 | 29 | 5.2 | 31 | 39.9 | 17 | 103.1 | 12 | 23.6 | 26 |
| Bones and Joints, Nec. | 3.9 | 23 | 31.2 | 16 | 56.8 | 13 | 55.9 | 22 | 32.9 | 22 |
| Other Musculoskeletal | 4.8 | 21 | 15.4 | 24 | 26.6 | 26 | 20.3 | 28 | 15.7 | 30 |
| Fractures/Dislocations | 60.5 | 5 | 63.2 | 7 | 56.8 | 12 | 196.8 | 7 | 78.4 | 9 |
| Other Current Injuries | 92.9 | 3 | 204.4 | 2 | 145.3 | 3 | 203.1 | 6 | 165.5 | 1 |
| All Other Conditions | 58.1 | 6 | 41.3 | 14 | 49.1 | 16 | 75.5 | 18 | 51.3 | 14 |
| Misspecified | 10.4 | 15 | 50.3 | 11 | 36.7 | 19 | 47.5 | 23 | 37.6 | 16 |

[1]Annualized.
Source: Iowa Department of Health.

# hospitals in the midwest, 1980 (non-federal community hospital)

| State | Number of Beds | Total Admissions | Occupancy Rate | Average Length of Stay | Average In-Patient Day Expense |
|---|---|---|---|---|---|
| UNITED STATES | 1,364,516 | 38,892,316 | 77.7 | 7.6 | $245.12 |
| IOWA | 20,581 | 587,511 | 71.9 | 7.4 | 198.72 |
| Illinois | 72,887 | 2,074,206 | 77.3 | 7.9 | 276.94 |
| Kansas | 17,736 | 474,978 | 71.3 | 7.7 | 206.83 |
| Minnesota | 30,057 | 725,199 | 75.1 | 9.0 | 202.63 |
| Missouri | 35,277 | 1,011,780 | 76.9 | 8.0 | 230.36 |
| Nebraska | 11,652 | 319,278 | 68.8 | 7.9 | 194.28 |

Source: American Hospital Annual Survey, 1981, American Hospital Association.

# Iowa medical statistics[1]
# licensed medical professionals in Iowa

| | 1980 | 1981 | 1982 |
|---|---|---|---|
| Chiropractors | 1,067 | 1,078 | 1,088 |
| Dentists | 2,543 | 2,411 | 2,440 |
| Dental Hygienists | 930 | 838 | 862 |
| LPN's | 6,696[2] | 9,696[3] | 10,759[3] |
| MD's | 7,045 | 7,049 | 7,420 |
| Optometrists | 509 | 554 | 563 |
| Osteopathic Physicians | 293 | 233 | 219 |
| Osteopathic Physicians and Surgeons | 673 | 726 | 787 |
| Physical Therapists | 667 | 633 | 677 |
| Podiatrists | 150 | 156 | 142 |
| RN's (active) | 26,580 | 26,031 | 28,293[3] |

[1]Estimated as of November, 1982, and assumes all outstanding licenses will be renewed.
[2]Total active license holders practicing in Iowa.
[3]Total active license holders.
Source: Iowa Board of Nursing, Iowa Department of Health.

# service industries in Iowa, 1977

| SIC Code | Kind of business[1] | All establishments[2] (number) | Receipts[2] ($1,000) | Payroll entire year ($1,000) | Paid employees for week including March 12 (number) | Percent change 1972 to 1977: Receipts[3] | Percent change 1972 to 1977: Payroll entire year |
|---|---|---|---|---|---|---|---|
| | Selected service industries[4] | 27,340 | 1,560,446 | 408,850 | 60,198 | 72.3 | 78.1 |
| 701, 3 | Hotels, motels, trailering parks, and camps | 957 | 153,774 | 40,254 | 10,275 | 76.9 | 84.2 |
| 701 | Hotels, motor hotels, and motels | 754 | 148,686 | 39,935 | 10,240 | 79.0 | 85.4 |
| 72 | Personal services | 9,838 | 230,494 | 59,388 | 10,574 | 33.6 | 33.2 |
| 721 | Laundry, cleaning, and garment services | 848 | 61,803 | 19,327 | 3,334 | 23.2 | 14.7 |
| 722 | Photographic studios, portrait | 526 | 16,011 | 2,536 | 390 | 45.9 | 44.0 |
| 723 | Beauty shops | 3,773 | 64,481 | 22,100 | 4,171 | 41.6 | 46.3 |
| 724 | Barber shops | 1,098 | 15,595 | 1,900 | 250 | 16.0 | 36.9 |
| 726 | Funeral service and crematories | 434 | 46,433 | 9,547 | 1,149 | 16.5 | 33.6 |
| 73 | Business services | 5,315 | 347,400 | 118,080 | 16,020 | 93.0 | 90.3 |
| 731 | Advertising[5] | 310 | 25,438 | 9,863 | 808 | 80.4 | 95.6 |
| 734 | Services to dwellings and other buildings | 764 | 31,529 | 15,316 | 2,883 | 129.0 | 159.0 |
| 737 | Computer and data processing services | 95 | 53,725 | 18,071 | 1,775 | (D) | 275.5 |
| 7392 | Management, consulting, and public relations services | 958 | 50,629 | 16,737 | 1,730 | 74.7 | 150.2 |
| 7394 | Equipment rental and leasing services | 254 | 25,237 | 5,866 | 484 | 131.5 | (D) |
| 75 | Automotive repair, services, and garages | 3,429 | 281,059 | 52,143 | 5,641 | 89.1 | 97.5 |
| 751 | Automotive rental and leasing, without drivers | 165 | 78,314 | 9,400 | 889 | 104.9 | 105.1 |
| 752 | Automobile parking | 63 | 4,174 | 864 | 126 | 30.5 | 39.4 |
| 753 | Automobile repair shops | 2,743 | 177,000 | 38,094 | 3,982 | 80.5 | 95.0 |
| 754 | Automotive services, except repair | 458 | 21,571 | 3,785 | 644 | 136.8 | 127.7 |
| 76 | Miscellaneous repair services | 3,022 | 125,286 | 26,883 | 2,926 | 82.9 | 119.7 |
| 762 | Electrical and electronic repair, except computers | 825 | 41,598 | 9,345 | 973 | 65.5 | 130.3 |
| 78, 79 | Amusement and recreation services, including motion pictures | 2,360 | 154,347 | 29,430 | 7,322 | 55.1 | 28.5 |
| 781, 2 | Motion picture production, distribution, and services | 50 | 24,245 | 2,647 | 237 | (D) | 173.2 |
| 783 | Motion picture theaters | 215 | 29,369 | 5,046 | 1,776 | 28.1 | (D) |
| 792 | Producers, orchestras, and entertainers | 818 | 8,901 | 1,180 | 372 | 109.7 | (D) |
| 7933 | Bowling alleys | 231 | 34,198 | 8,077 | 2,298 | 72.9 | 69.7 |
| 8072 | Dental laboratories | 76 | 9,923 | 4,599 | 432 | 83.8 | 82.8 |
| 81 | Legal services[6] | 1,878 | 166,467 | 33,087 | 4,154 | 63.9 | 125.9 |
| 891 | Engineering, architectural, and surveying services | 465 | 91,696 | 44,986 | 2,854 | 114.2 | 100.8 |

Note: Percentages are based on current dollars for both 1972 and 1977 with no adjustment for price increases.
(D) Withheld to avoid disclosing data for individual companies.
[1]All kind-of-business classifications are not shown separately; therefore, detail does not add to totals.
[2]For all establishments, including those with no payroll.
[3]Comparability of data for specific kinds of business may be affected by inclusion of sales (or other) taxes in 1972 but not in 1977.
[4]Data shown only for establishments subject to Federal income tax. Comparability of data may be affected by inclusion of some tax-exempt establishments in 1972 data.
[5]Total receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. Percent change reflects adjustment for comparability.
[6]Includes associations of professionals formed solely to share payroll and other expenses, not covered in prior censuses. Percent change in payroll does not reflect adjustment for comparability.
Source: 1977 Census of Service Industries, U.S. Department of Commerce, Bureau of the Census. Preliminary Report, issued August, 1979.

# Iowa's public libraries serve the state*

| - Number | - Size of Community Served |
|---|---|
| 8 | Over 50,000 |
| 9 | 25,000 - 49,999 |
| 12 | 10,000 - 24,999 |
| 36 | 5,000 - 9,999 |
| 51 | 2,500 - 4,999 |
| 141 | 1,000 - 2,499 |
| 137 | 500 - 999 |
| 111 | Under 500 |
| 4 | Counties |
| 509 | |

**- Spent** $28,368,902

- Source

Municipalities - 71.58%
Counties - 11.03%
Federal Revenue Sharing - 1.65%
Other Federal Programs - 1.10%
Misc. Sources - 8.09%

- For

Personnel - $10,831,193 - 31.18%
Library materials - $3,925,400 - 13.84%
Plant Operation - $2,358,099 - 8.31%
All other costs - $11,254,170 - 39.67%

**- Acquired**

514,929 - book titles
25,332 - audio-visual titles
56,647 - microforms/other

**- Held** in all collections

7,945,442 - book titles
23,696 - periodical subscriptions
235,824 - audio-visual titles
470,755 - microforms

**- Circulated**

14,980,907 - print materials
708,157 - non-print materials
8.37 - statewide circulation per capita

**- Answered**

1,244,531 - patron subject requests

**- Employed**

198 persons with Master of Library Science degree**
186 persons with bachelor's degree
528 persons with less than bachelor's degree

* All data for FY 1981
** Or equivalent media degree

Source: State Library of Iowa, Office of Library Development.

# IOWA

A tradition of excellence

# STATISTICS

# Iowa climate and geography

Located between the Upper Mississippi and the Missouri Rivers, the State of Iowa comprises 56,000 square miles primarily of rolling prairie, with an extreme north-south distance of 205 miles and an extreme east-west distance of 310 miles. Elevation changes are small across the State, varying from 1670 feet in Osceola County in the northwest to 480 feet at the mouth of the Des Moines River in the southeast. Some rugged terrain, mainly of forest soils, may be found in the northeast yet most of the State's natural lakes are located in the northwest.

Iowa's four distinct seasons provide a climate that is classified as humid continental. Temperatures vary through a wide range, arriving at an annual average of 49 degrees. A typical year brings 166 days of sunshine, 100 partly cloudy days and 99 cloudy days. Since much of the average 32 inches of rainfall comes during the growing season, Iowa's climate is ideal for agriculture. Winter snowfall averages 30 inches, and relative humidity averages 72 percent.

Clean air and clean water have been maintained in abundance in the State with enforcement of pollution laws assuring their existence in the future.

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climates of the States—Iowa.

# mean temperature and total precipitation

Mean Average Temperature

| | Dec. Jan. Feb. | Mar. Apr. May | June July Aug. | Sept. Oct. Nov. |
|---|---|---|---|---|
| Burlington | 26.9 | 50.0 | 74.4 | 53.6 |
| Carroll | 22.9 | 47.8 | 72.9 | 51.4 |
| Cedar Rapids | 24.3 | 48.3 | 72.7 | 51.9 |
| Council Bluffs | 27.3 | 48.9 | 73.2 | 52.1 |
| Creston | 25.4 | 49.0 | 73.5 | 52.5 |
| Davenport | 26.4 | 49.1 | 74.5 | 54.0 |
| Decorah | 20.4 | 45.7 | 71.5 | 49.6 |
| Des Moines | 23.5 | 49.4 | 75.0 | 52.7 |
| Dubuque | 23.9 | 47.7 | 72.2 | 52.0 |
| Fort Dodge | 21.8 | 47.1 | 72.4 | 50.8 |
| Mason City | 19.3 | 45.0 | 70.8 | 48.9 |
| Ottumwa | 27.0 | 50.7 | 75.0 | 52.5 |
| Rock Rapids | 19.5 | 45.9 | 71.8 | 49.0 |
| Sioux City | 22.0 | 47.8 | 74.6 | 51.9 |
| Spencer | 19.1 | 45.4 | 71.4 | 48.9 |
| Waterloo | 20.8 | 46.4 | 71.9 | 49.8 |
| State of IOWA | 21.3 | 48.1 | 72.9 | 51.8 |

Source: U.S. Department of Commerce, Weather Bureau, Climatic Summary of the United States—Iowa.

Mean Average Precipitation

| | Dec. Jan. Feb. | Mar. Apr. May | June July Aug. | Sept. Oct. Nov. |
|---|---|---|---|---|
| Burlington | 1.54 | 3.39 | 4.01 | 2.59 |
| Carroll | .98 | 2.30 | 4.01 | 1.97 |
| Cedar Rapids | 1.30 | 3.97 | 3.90 | 2.77 |
| Council Bluffs | .85 | 2.98 | 4.86 | 1.90 |
| Creston | .92 | 2.84 | 4.00 | 2.39 |
| Davenport | 1.53 | 3.15 | 3.87 | 2.74 |
| Decorah | 1.08 | 2.93 | 4.12 | 2.64 |
| Des Moines | 1.18 | 2.90 | 3.81 | 2.22 |
| Dubuque | 1.71 | 3.35 | 3.82 | 3.02 |
| Fort Dodge | 1.03 | 2.74 | 4.09 | 2.21 |
| Mason City | .88 | 2.64 | 4.27 | 2.22 |
| Ottumwa | 1.31 | 3.14 | 4.19 | 2.51 |
| Rock Rapids | .69 | 2.55 | 3.85 | 1.78 |
| Sioux City | .80 | 2.31 | 3.37 | 1.77 |
| Spencer | .82 | 2.55 | 3.99 | 1.95 |
| Waterloo | 1.07 | 2.83 | 4.01 | 2.58 |
| State of IOWA | 1.00 | 2.91 | 4.10 | 2.03 |

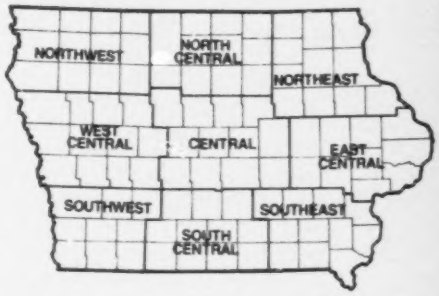
Source: U.S. Department of Commerce, Environmental Science Services Administration, "Climates of the States—Iowa."

# wind chill table

| | AIR TEMPERATURE (°F) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 | -25 | -30 | -35 | -40 | -45 |
| | WIND CHILL INDEX (EQUIVALENT TEMPERATURE) — Equivalent in cooling power on exposed flesh | | | | | | | | | | | | | | | | |
| WIND SPEED MPH | | | | | | | | | | | | | | | | | |
| 4 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 | -25 | -30 | -35 | -40 | -45 |
| 5 | 33 | 27 | 21 | 16 | 12 | 7 | 1 | -6 | -11 | -15 | -20 | -26 | -31 | -35 | -41 | -47 | -54 |
| | COLD | | | | | | | | | | | | | | | | |
| 10 | 21 | 16 | 9 | 2 | -2 | -9 | -15 | -22 | -27 | -31 | -38 | -45 | -52 | -58 | -64 | -70 | -77 |
| | VERY COLD | | | | | | | | | | | | | | | | |
| 15 | 16 | 11 | 1 | -6 | -11 | -18 | -25 | -33 | -40 | -45 | -51 | -60 | -65 | -70 | -78 | -85 | -90 |
| | BITTERLY COLD | | | | | | | | | | | | | | | | |
| 20 | 12 | 3 | -4 | -9 | -17 | -24 | -32 | -40 | -46 | -52 | -60 | -68 | -76 | -81 | -88 | -96 | -103 |
| 25 | 7 | 0 | -7 | -15 | -22 | -29 | -37 | -45 | -52 | -58 | -67 | -75 | -83 | -89 | -96 | -104 | -112 |
| | EXTREME COLD | | | | | | | | | | | | | | | | |
| 30 | 5 | -2 | -11 | -18 | -26 | -33 | -41 | -49 | -56 | -63 | -70 | -78 | -87 | -94 | -101 | -109 | -117 |
| 35 | 3 | -4 | -13 | -20 | -27 | -35 | -43 | -52 | -60 | -67 | -72 | -83 | -90 | -98 | -105 | -113 | -123 |
| 40 | 1 | -4 | -15 | -22 | -29 | -36 | -45 | -54 | -62 | -69 | -76 | -87 | -94 | -101 | -107 | -116 | -128 |
| 45 | 1 | -6 | -17 | -24 | -31 | -38 | -46 | -54 | -63 | -70 | -78 | -87 | -94 | -101 | -108 | -118 | -128 |
| 50 | 0 | -7 | -17 | -24 | -31 | -38 | -47 | -56 | -63 | -70 | -79 | -88 | -96 | -103 | -110 | -120 | -128 |

Wind speeds greater than 40 mph have little additional chilling effect.
Source: "Winds Over Iowa", Iowa Department of Agriculture, State Climatology Office.

# climate
## (annual averages)




(1941-1970)

| PRECIPITATION (Inches) | J | F | M | A | M | J | J | A | S | O | N | D | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northwest | 0.59 | 0.96 | 1.57 | 2.35 | 3.87 | 4.84 | 3.59 | 3.36 | 3.03 | 1.76 | 0.95 | 0.80 | 27.69 |
| North Central | 0.87 | [illegible] | 2.02 | 2.78 | 4.18 | 5.13 | 4.19 | 3.56 | 3.21 | 1.97 | 1.20 | 1.04 | 31.09 |
| Northeast | 1.05 | 0.91 | 2.20 | 3.11 | 4.13 | 5.03 | 4.20 | 3.54 | 3.62 | 2.32 | 1.58 | 1.25 | 32.94 |
| West Central | 0.75 | 0.99 | 1.88 | 2.72 | 4.10 | 5.30 | 3.56 | 3.77 | 2.96 | 1.94 | 1.08 | 0.83 | 29.87 |
| Central | 1.00 | 1.00 | 2.20 | 3.05 | 4.30 | 5.26 | 3.87 | 3.66 | 3.26 | 2.16 | 1.34 | 1.06 | 32.18 |
| East Central | 1.37 | 1.07 | 2.37 | 3.48 | 3.97 | 4.94 | 3.97 | 3.39 | 3.74 | 2.50 | 1.87 | 1.54 | 34.21 |
| Southwest | 0.8[illegible] | 0.98 | 2.07 | 2.94 | 4.32 | 5.59 | 3.79 | 4.19 | 3.66 | 2.33 | 1.24 | 0.93 | 32.86 |
| South Central | 1.1[illegible] | 1.02 | 2.31 | 3.33 | 4.10 | 5.23 | 3.70 | 3.90 | 3.80 | 2.43 | 1.51 | 1.21 | 33.69 |
| Southeast | 1.45 | 1.14 | 2.43 | 3.62 | 3.80 | 4.79 | 4.02 | 3.53 | 3.75 | 2.72 | 1.72 | 1.59 | 34.56 |

| TOTAL SNOWFALL (Inches) | J | F | M | A | M | J | J | A | S | O | N | D | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northwest | 5.7 | 7.8 | 8.8 | 1.6 | 0.2 | 0 | 0 | 0 | T | 0.3 | 3.9 | 6.6 | 34.7 |
| North Central | 7.0 | 7.4 | 10.6 | 1.4 | 0.1 | 0 | 0 | 0 | 0.1 | T | 3.5 | 7.9 | 38.0 |
| Northeast | 7.7 | 6.2 | 9.4 | 0.8 | 0.1 | 0 | 0 | 0 | T | T | 2.5 | 8.2 | 34.9 |
| West Central | 6.8 | 6.4 | 8.6 | 1.3 | 0.2 | 0 | 0 | 0 | T | 0.2 | 3.1 | 5.9 | 32.5 |
| Central | 6.9 | 6.6 | 8.2 | 0.8 | 0.1 | 0 | 0 | 0 | T | 0.1 | 2.1 | 6.5 | 31.3 |
| East Central | 7.3 | 6.0 | 7.3 | 0.7 | T | 0 | 0 | 0 | T | 0.1 | 1.4 | 7.4 | 30.2 |
| Southwest | 6.0 | 5.5 | 6.7 | 0.9 | 0.1 | 0 | 0 | 0 | T | 0.1 | 2.0 | 5.5 | 26.8 |
| South Central | 7.0 | 5.2 | 6.6 | 0.7 | T | 0 | 0 | 0 | T | 0.1 | 1.5 | 6.2 | 27.3 |
| Southeast | 7.1 | 5.2 | 6.2 | 0.4 | T | 0 | 0 | 0 | T | 0.1 | 1.2 | 6.4 | 26.6 |

| TEMPERATURE (F degrees) | J | F | M | A | M | J | J | A | S | O | N | D | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northwest | 15.8 | 20.9 | 31.0 | 47.3 | 59.0 | 68.5 | 73.1 | 71.5 | 61.7 | 51.7 | 34.7 | 21.6 | 46.4 |
| North Central | 15.6 | 20.3 | 30.7 | 47.1 | 58.8 | 68.4 | 72.4 | 70.8 | 61.5 | 51.8 | 34.8 | 21.4 | 46.1 |
| Northeast | 17.1 | 21.4 | 31.8 | 47.5 | 58.3 | 68.0 | 72.1 | 70.6 | 61.6 | 51.8 | 35.6 | 22.4 | 46.5 |
| West Central | 19.0 | 24.3 | 33.8 | 49.6 | 60.9 | 69.9 | 74.4 | 72.8 | 63.5 | 53.6 | 37.0 | 24.6 | 48.6 |
| Central | 19.2 | 24.0 | 33.9 | 49.5 | 60.7 | 69.8 | 74.1 | 72.4 | 63.4 | 53.7 | 37.4 | 24.6 | 48.6 |
| East Central | 20.7 | 25.0 | 35.1 | 50.0 | 60.7 | 70.1 | 74.0 | 72.5 | 64.0 | 54.0 | 38.5 | 25.8 | 49.2 |
| Southwest | 22.2 | 27.5 | 36.6 | 51.5 | 62.1 | 71.0 | 75.6 | 73.9 | 64.9 | 55.0 | 39.2 | 27.3 | 50.6 |
| South Central | 22.3 | 27.2 | 36.5 | 51.3 | 61.8 | 70.6 | 75.1 | 73.5 | 64.9 | 55.3 | 39.6 | 27.4 | 50.5 |
| Southeast | 23.1 | 27.7 | 37.3 | 51.9 | 62.4 | 71.6 | 75.7 | 74.1 | 65.7 | 55.8 | 40.4 | 28.1 | 51.2 |

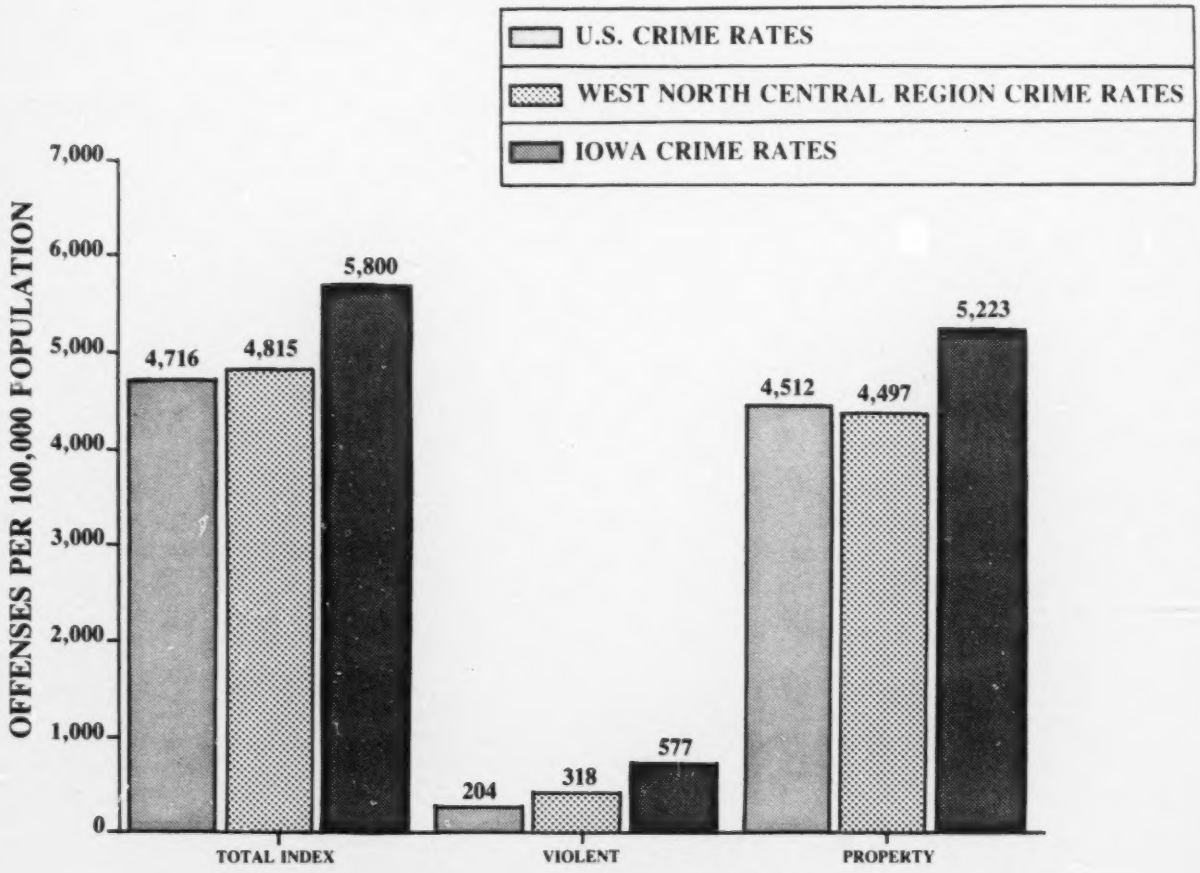
| MEAN DEGREE DAYS | J | F | M | A | M | J | J | A | S | O | N | D | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northwest | 1525 | 1246 | 1054 | 535 | 231 | 53 | 8 | 19 | 144 | 426 | 909 | 1345 | 7,495 |
| North Central | 1531 | 1263 | 1063 | 539 | 231 | 47 | 10 | 23 | 138 | 419 | 906 | 1352 | 7,522 |
| Northeast | 1485 | 1232 | 1029 | 528 | 233 | 46 | 11 | 25 | 135 | 420 | 882 | 1321 | 7,347 |
| West Central | 1426 | 1150 | 967 | 465 | 185 | 34 | 4 | 14 | 107 | 366 | 840 | 1252 | 6,810 |
| Central | 1420 | 1158 | 964 | 477 | 198 | 34 | 4 | 19 | 111 | 375 | 828 | 1252 | 6,840 |
| East Central | 1373 | 1130 | 927 | 453 | 190 | 24 | 3 | 14 | 89 | 356 | 795 | 1215 | 6,569 |
| Southwest | 1327 | 1059 | 880 | 416 | 165 | 26 | 5 | 10 | 86 | 328 | 774 | 1169 | 6,245 |
| South Central | 1324 | 1068 | 884 | 419 | 168 | 23 | 2 | 12 | 85 | 323 | 762 | 1166 | 6,236 |
| Southeast | 1299 | 1054 | 859 | 402 | 163 | 20 | 0 | 11 | 67 | 310 | 738 | 1144 | 6,067 |
| T=Trace State | 1412 | 1151 | 959 | 470 | 196 | 34 | 5 | 16 | 107 | 369 | 826 | 1246 | 679 |

# crime rates[1] selected midwest states, 1981

| State | Index Rate | Violent Crime Rate | Property Crime Rate |
|---|---|---|---|
| United States | 5,799.9 | 576.9 | 5,223.0 |
| IOWA | 4,716.5 | 204.2 | 4,512.4 |
| Kansas | 5,404.3 | 369.4 | 5,034.9 |
| Minnesota | 4,736.7 | 228.5 | 4,508.2 |
| Missouri | 5,351.4 | 540.2 | 4,811.2 |
| Nebraska | 4,177.5 | 181.5 | 3,996.0 |
| North Dakota | 2,991.0 | 67.5 | 2,923.6 |
| South Dakota | 3,013.1 | 104.8 | 3,116.3 |

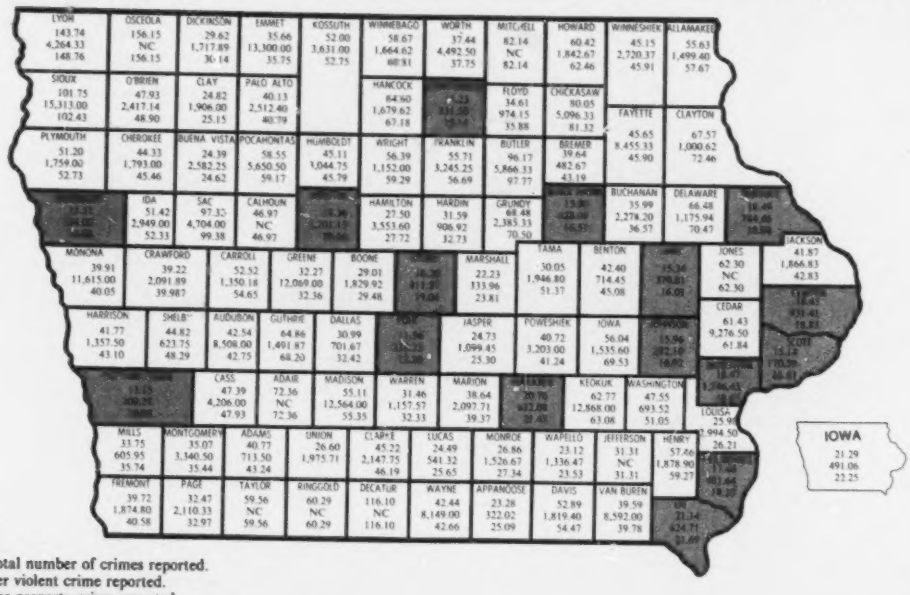
[1]Reported offenses per 100,000 population.
Source: Crime in the United States, Uniform Crime Reports, U.S. Department of Justice, Federal Bureau of Investigation.

# Comparison of crime rates, U.S., Region and Iowa, 1981




SOURCE: IOWA DEPT. OF PUB. SAFETY AND FBI

# incidence of crime[1] per person by county, 1981




[1]top figure - number of people per total number of crimes reported.
middle figure - number of people per violent crime reported.
bottom figure - number of people per property crime reported.
[2]Counties with crime incidence higher than total state incidence are shaded.
Source: Research Division, Iowa Development Commission and Iowa Department of Public Safety.

# total crimes reported by county, 1980-1981

| County | Total Crimes 1980 | Total Crimes 1981 | Violent Crimes 1980 | Violent Crimes 1981 | Property Crimes 1980 | Property Crimes 1981 |
|---|---|---|---|---|---|---|
| Adair | 108 | 131 | 0 | 0 | 108 | 131 |
| Adams | 163 | 140 | 2 | 8 | 161 | 132 |
| Allamakee | 375 | 270 | 4 | 10 | 371 | 260 |
| Appanoose | 762 | 664 | 63 | 48 | 699 | 616 |
| Audubon | 209 | 200 | 5 | 1 | 204 | 199 |
| Benton | 559 | 556 | 23 | 33 | 536 | 523 |
| Blackhawk | 9,499 | 8,805 | 311 | 327 | 9,188 | 8,478 |
| Boone | 1,018 | 820 | 13 | 13 | 1,005 | 807 |
| Bremer | 699 | 621 | 52 | 51 | 647 | 570 |
| Buchanan | 667 | 633 | 7 | 10 | 660 | 623 |
| Buena Vista | 931 | 847 | 11 | 8 | 920 | 839 |
| Butler | 263 | 183 | 4 | 3 | 259 | 180 |
| Calhoun | 304 | 287 | 1 | 0 | 303 | 287 |
| Carroll | 612 | 437 | 38 | 17 | 574 | 420 |
| Cass | 390 | 355 | 3 | 4 | 387 | 351 |
| Cedar | 399 | 302 | 6 | 2 | 393 | 300 |
| Cerro Gordo | 3,655 | 3,365 | 182 | 208 | 3,473 | 3,177 |
| Cherokee | 399 | 364 | 15 | 9 | 384 | 355 |
| Chickasaw | 271 | 191 | 6 | 3 | 265 | 188 |
| Clarke | 190 | 190 | 2 | 4 | 188 | 186 |
| Clay | 773 | 768 | 9 | 10 | 764 | 758 |
| Clayton | 293 | 311 | 7 | 21 | 286 | 290 |
| Clinton | 3,235 | 3,079 | 68 | 61 | 3,167 | 3,018 |
| Crawford | 366 | 480 | 1 | 9 | 365 | 471 |
| Dallas | 900 | 951 | 43 | 42 | 857 | 909 |
| Davis | 198 | 172 | 1 | 5 | 197 | 167 |
| Decatur | 118 | 84 | 10 | 0 | 108 | 84 |
| Delaware | 322 | 283 | 20 | 16 | 302 | 267 |
| Des Moines | 2,436 | 2,577 | 96 | 112 | 2,340 | 2,465 |
| Dickinson | 560 | 522 | 10 | 9 | 550 | 513 |
| Dubuque | 5,129 | 5,048 | 115 | 119 | 5,014 | 4,929 |
| Emmet | 296 | 373 | 0 | 1 | 296 | 372 |
| Fayette | 686 | 555 | 15 | 3 | 671 | 552 |
| Floyd | 463 | 563 | 16 | 20 | 447 | 543 |
| Franklin | 223 | 233 | 3 | 4 | 220 | 229 |
| Fremont | 210 | 236 | 5 | 5 | 205 | 231 |
| Greene | 404 | 374 | 4 | 1 | 400 | 373 |
| Grundy | 133 | 209 | 4 | 6 | 129 | 203 |
| Guthrie | 162 | 184 | 7 | 8 | 155 | 176 |
| Hamilton | 670 | 646 | 3 | 5 | 667 | 641 |
| Hancock | 252 | 208 | 2 | 8 | 250 | 200 |
| Hardin | 727 | 689 | 11 | 24 | 716 | 665 |
| Harrison | 358 | 390 | 2 | 12 | 356 | 378 |
| Henry | 369 | 327 | 18 | 10 | 351 | 317 |
| Howard | 197 | 183 | 1 | 6 | 196 | 177 |
| Humboldt | 283 | 270 | 6 | 4 | 277 | 266 |
| Ida | 138 | 172 | 2 | 3 | 136 | 169 |
| Iowa | 287 | 274 | 9 | 10 | 278 | 264 |
| Jackson | 653 | 535 | 7 | 12 | 646 | 523 |
| Jasper | 1,590 | 1,467 | 25 | 33 | 1,565 | 1,434 |
| Jefferson | 454 | 520 | 4 | 0 | 450 | 520 |
| Johnson | 5,073 | 5,091 | 251 | 288 | 4,822 | 4,803 |
| Jones | 391 | 326 | 3 | 0 | 388 | 326 |
| Keokuk | 194 | 205 | 2 | 1 | 192 | 204 |
| Kossuth | 537 | 419 | 5 | 6 | 532 | 413 |
| Lee | 2,235 | 2,029 | 39 | 52 | 2,196 | 1,977 |
| Linn | 11,448 | 11,021 | 439 | 459 | 11,009 | 10,562 |
| Louisa | 418 | 461 | 8 | 4 | 410 | 457 |
| Lucas | 357 | 420 | 26 | 19 | 331 | 401 |
| Lyon | 93 | 89 | 2 | 3 | 91 | 86 |
| Madison | 223 | 228 | 4 | 1 | 219 | 227 |
| Mahaska | 1,117 | 1,096 | 29 | 36 | 1,088 | 1,060 |
| Marion | 790 | 760 | 25 | 14 | 765 | 746 |
| Marshall | 2,044 | 1,863 | 93 | 124 | 1,951 | 1,739 |
| Mills | 491 | 395 | 17 | 22 | 474 | 373 |
| Mitchell | 167 | 149 | 1 | 0 | 166 | 149 |
| Monona | 313 | 291 | 3 | 1 | 310 | 290 |
| Monroe | 368 | 341 | 0 | 6 | 368 | 335 |
| Montgomery | 464 | 381 | 1 | 4 | 463 | 377 |
| Muscatine | 2,051 | 2,175 | 30 | 23 | 2,021 | 2,152 |
| O'Brien | 388 | 353 | 8 | 7 | 380 | 346 |
| Osceola | 63 | 53 | 0 | 0 | 63 | 53 |
| Page | 614 | 585 | 21 | 9 | 593 | 576 |
| Palo Alto | 357 | 313 | 20 | 5 | 337 | 308 |
| Plymouth | 455 | 481 | 16 | 14 | 439 | 467 |
| Pocahontas | 183 | 193 | 4 | 2 | 179 | 191 |
| Polk | 25,843 | 26,130 | 1,443 | 1,414 | 24,400 | 24,716 |
| Pottawattamie | 6,168 | 6,533 | 398 | 429 | 5,770 | 6,104 |
| Poweshiek | 477 | 472 | 9 | 6 | 468 | 466 |
| Ringgold | 94 | 101 | 1 | 0 | 93 | 101 |
| Sac | 229 | 145 | 1 | 3 | 228 | 142 |
| Scott | 10,762 | 10,504 | 990 | 932 | 9,772 | 9,572 |
| Shelby | 305 | 334 | 8 | 24 | 297 | 310 |
| Sioux | 290 | 301 | 2 | 2 | 288 | 299 |
| Story | 3,613 | 3,957 | 132 | 175 | 3,481 | 3,782 |
| Tama | 506 | 389 | 24 | 10 | 482 | 379 |
| Taylor | 162 | 140 | 3 | 0 | 159 | 140 |
| Union | 451 | 520 | 5 | 7 | 446 | 513 |
| Van Buren | 163 | 217 | 3 | 1 | 160 | 216 |
| Wapello | 1,601 | 1,734 | 18 | 30 | 1,583 | 1,704 |
| Warren | 1,080 | 1,104 | 42 | 30 | 1,038 | 1,074 |
| Washington | 418 | 423 | 22 | 29 | 396 | 394 |
| Wayne | 149 | 192 | 3 | 1 | 146 | 191 |
| Webster | 1,946 | 2,486 | 22 | 38 | 1,924 | 2,448 |
| Winnebago | 313 | 227 | 18 | 8 | 295 | 219 |
| Winneshiek | 534 | 482 | 20 | 8 | 514 | 474 |
| Woodbury | 6,862 | 7,414 | 321 | 300 | 6,541 | 7,114 |
| Worth | 217 | 240 | 6 | 2 | 211 | 238 |
| Wright | 388 | 286 | 12 | 14 | 376 | 272 |
| IOWA | 137,763 | 136,113 | 5,822 | 5,901 | 131,941 | 130,212 |

Source: Iowa Uniform Crime Reports-1980, Iowa Department of Public Safety.

# crimes reported by county, 1981

| County | Violent Crimes | | | | Property Crimes | | |
|---|---|---|---|---|---|---|---|
| | Murder | Rape | Robbery | Assault | Burglary | Larceny | M.V. Theft |
| Adair | 0 | 0 | 0 | 0 | 49 | 81 | 1 |
| Adams | 0 | 1 | 0 | 7 | 31 | 98 | 3 |
| Allamakee | 0 | 0 | 0 | 8 | 51 | 184 | 25 |
| Appanoose | 0 | 0 | 2 | 46 | 167 | 434 | 15 |
| Audubon | 0 | 0 | 0 | 1 | 55 | 134 | 10 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Black Hawk | 9 | [illegible] | [illegible] | [illegible] | [illegible] | 6,181 | [illegible] |
| Boone | 0 | 1 | 0 | 12 | 178 | 608 | 23 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Buena Vista | 0 | 1 | 1 | 6 | 98 | 715 | 26 |
| Butler | 0 | 1 | 0 | 2 | 70 | 102 | 8 |
| Calhoun | 0 | 0 | 0 | 0 | 93 | 187 | 7 |
| Carroll | 0 | 1 | 0 | 16 | 92 | 307 | 21 |
| Cass | 0 | 1 | 0 | 3 | 66 | 265 | 20 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Cerro Gordo | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Cherokee | 0 | 0 | [illegible] | 8 | 81 | 254 | 20 |
| Chickasaw | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 5 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 14 |
| Clay | 0 | 0 | 3 | 7 | 173 | 552 | 33 |
| Clayton | 0 | 0 | 0 | 21 | 68 | 206 | 16 |
| Clinton | 9 | 1 | 18 | 33 | 499 | 2,297 | 222 |
| Crawford | 0 | 1 | 0 | 8 | 124 | 321 | 26 |
| Dallas | 1 | 3 | 3 | 35 | 289 | 588 | 32 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Decatur | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| DeKalb | 0 | 1 | 0 | 15 | 39 | 201 | 27 |
| Des Moines | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Dubuque | 0 | 3 | 29 | 87 | 1,108 | 3,506 | 315 |
| Emmet | 0 | 0 | 1 | 0 | 67 | 296 | 9 |
| Fayette | 0 | 0 | 0 | 3 | 98 | 445 | 9 |
| Floyd | 0 | 1 | 0 | 19 | 65 | 463 | 15 |
| Franklin | 0 | 2 | 2 | 0 | 41 | 179 | 9 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Greene | [illegible] | [illegible] | 1 | [illegible] | 128 | 226 | [illegible] |
| Grundy | 3 | 0 | 0 | 5 | 61 | 134 | 8 |
| Guthrie | [illegible] | [illegible] | [illegible] | [illegible] | 59 | 113 | 4 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Hancock | 1 | 2 | 0 | 5 | 51 | 139 | 10 |
| Hardin | 0 | 1 | 1 | 22 | 136 | 504 | 25 |
| Harrison | 1 | 0 | 2 | 9 | 101 | 245 | 32 |
| Henry | 2 | 1 | 1 | 6 | 82 | 218 | 17 |
| Howard | 0 | 0 | 0 | 6 | 23 | 145 | 9 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 0 | [illegible] | [illegible] | [illegible] | 32 | 157 | 4 |
| Iowa | 0 | 1 | 0 | 9 | 65 | 180 | 19 |
| Jackson | 0 | 0 | 0 | 6 | 124 | 375 | 26 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Jefferson | 0 | 0 | 0 | 0 | 94 | 415 | 11 |
| Johnson | 5 | 18 | 26 | 239 | 1,037 | 3,545 | 221 |
| Jones | 0 | 0 | 0 | 0 | 60 | 249 | 17 |
| Keokuk | 0 | 0 | 0 | 1 | 74 | 124 | 6 |
| Kossuth | 1 | 0 | 1 | 4 | 93 | 300 | 20 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Linn | 5 | [illegible] | [illegible] | 279 | [illegible] | [illegible] | 458 |
| Louisa | 0 | 0 | 1 | 3 | 155 | 285 | 18 |
| Lucas | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 13 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Madison | 0 | 0 | 0 | 1 | 74 | 140 | 13 |
| Mahaska | 0 | 3 | 6 | 27 | 311 | 704 | 45 |
| Marion | 0 | 0 | 1 | 13 | 175 | 531 | 40 |
| Marshall | 0 | 7 | 25 | 92 | 518 | 1,159 | 62 |
| Mills | 0 | 0 | 3 | 19 | 99 | 258 | 16 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Monona | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Monroe | 0 | 0 | 1 | 5 | [illegible] | 224 | [illegible] |
| Montgomery | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| O'Brien | 0 | 0 | 0 | 7 | 85 | 248 | 13 |
| Osceola | 0 | 0 | 0 | 0 | 9 | 43 | 1 |
| Page | 0 | 2 | 1 | 6 | 83 | 474 | 19 |
| Palo Alto | 0 | 0 | 0 | 5 | 152 | 150 | 6 |
| Plymouth | 0 | 3 | 2 | 9 | 97 | 335 | 35 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 12 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Pottawattamie | 3 | [illegible] | 99 | [illegible] | 1,812 | 3,903 | 389 |
| Poweshiek | 0 | 0 | [illegible] | [illegible] | [illegible] | 295 | 56 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Sac | 0 | 0 | 2 | 1 | 62 | 78 | 2 |
| Scott | 8 | 59 | 319 | 546 | 2,929 | 6,235 | 408 |
| Shelby | 1 | 0 | 1 | 22 | 65 | 218 | 27 |
| Sioux | 0 | 0 | 1 | 1 | 74 | 203 | 22 |
| Story | 0 | 19 | 13 | 143 | 733 | 2,898 | 151 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Taylor | 0 | 0 | 0 | 0 | [illegible] | 172 | 3 |
| Union | 0 | 1 | [illegible] | [illegible] | 209 | 285 | 19 |
| Van Buren | 0 | 0 | [illegible] | [illegible] | 114 | 101 | 2 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Warren | 0 | 4 | 3 | 23 | 279 | 754 | 41 |
| Washington | 0 | 0 | 0 | 29 | 89 | 264 | 41 |
| Wayne | 0 | 0 | 0 | 1 | 85 | 100 | 6 |
| Webster | 4 | 4 | 15 | 15 | 489 | 1,765 | 194 |
| Winnebago | 0 | 1 | 1 | 6 | 53 | 155 | 11 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Woodbury | 2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Worth | 0 | 0 | [illegible] | [illegible] | 90 | 139 | 9 |
| Wright | 0 | 0 | 0 | 14 | 66 | 188 | 18 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

Source: Iowa Uniform Crime Reports–1980, Iowa Department of Public Safety.

# mineral production, Iowa[1]

Nonfuel mineral production in Iowa[1]
(thousand short tons)

| Mineral | 1972 | | 1979 | | 1980 | | 1981(p) | |
|---|---|---|---|---|---|---|---|---|
| | Quantity | Value (thousands) | Quantity | Value (thousands) | Quantity | Value (thousands) | Quantity | Value (thousands) |
| Cement: | | | | | | | | |
| Masonry | 66 | $ 1,916 | 69 | $ 3,844 | 48 | $ 3,340 | 43 | $ 3,200 |
| Portland | 2,458 | 49,635 | 2,371 | 109,628 | 1,998 | 101,008 | 1,829 | 98,000 |
| Clays | 1,047 | 2,643 | 870 | 2,883 | 754 | 2,555 | 400 | 2,600 |
| Gypsum | 1,380 | 5,714 | 1,695 | 13,777 | 1,468 | 13,136 | 1,424 | 13,252 |
| Peat | N/A | N/A | 11 | 270 | 11 | 276 | 12 | 241 |
| Sand and gravel | 17,107 | 20,140 | 17,495 | 39,686 | (2)12,683 | (2)32,722 | 12,100 | 32,500 |
| Stone: | 27,457 | 48,642 | | | | | | |
| Crushed | N/A | N/A | 32,471 | 103,215 | 26,542 | 92,603 | 23,300 | 84,900 |
| Dimension | N/A | N/A | 10 | 508 | 10 | 509 | 10 | 545 |
| Combined value of other nonmetals | XX | 1,667 | XX | 4,090 | XX | 5,727 | XX | W |
| Total | XX | $134,496 | XX | $277,901 | XX | $251,876 | XX | $ 235,238[3] |

N/A = Not available.
(p) Preliminary. W Withheld to avoid disclosing company proprietary data. XX Not applicable.
[1]Production as measured by mine shipments, sales, or marketable production (including consumption by producers)
[2]Excludes industrial sand; value included in "Combined value" figure.
[3]Incomplete total; does not include withheld data.
Source: Reprint, The Mineral Industry of Iowa, Bureau of Mines, United States Department of the Interior.

# Iowa coal production

| Year | Quantity (short tons) | Avg. Mine Price/ton | Total Value (in thousands) |
|---|---|---|---|
| 1950 | 1,891,000 | $ 3.69 | $ 6,977,000 |
| 1960 | 1,068,000 | 3.60 | 3,845,000 |
| 1965 | 1,043,000 | 3.54 | 3,694,000 |
| 1970 | 987,000 | 4.11 | 4,059,000 |
| 1975 | 622,000 | 11.08 | 6,891,000 |
| 1977 | 500,000 | 14.37 | 7,185,000 |
| 1978 | 450,000 | 16.10 | 7,245,000 |
| 1979 | 637,000 | 19.08 | 12,153,960 |
| 1980 | 586,000 | 21.33 | 12,499,380 |
| 1981 | 717,000p | N/A | N/A |

p = preliminary
N/A = not available
Source: "Coal Production," Energy Intermotion Administration, Coal Division, November 1982.

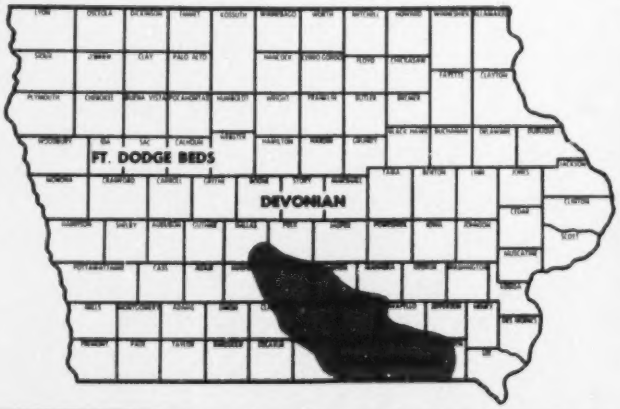
Distribution of Pennsylvania Rock

# summary of reserves

The estimated original coal reserves of Iowa total 7,236.54 million short tons, of which 3,500.72 million tons is classed as measured and indicated reserves and 3,735.82 million tons is classed as inferred. A total area of about 1,316,040 acres in 37 counties was included in the reserve calculations; an additional area of about 1,291,830 acres in 44 counties is indicated by the currently available information to be favorable for the presence of coal beds more than 14 inches thick.

Source: Coal Resources of Iowa, Technical Paper #4 Iowa Geological Survey, 1965.

Gypsum Resource Areas



# mineral production in Iowa by counties[1]
## (thousands)

| County | 1978 | 1979 | Minerals produced in 1979 in order of value |
|---|---|---|---|
| Adair | W | W | Stone. |
| Adams | W | W | Do. |
| Allamakee | $ 757 | $ 1,241 | Stone, sand and gravel. |
| Appanoose | 2,864 | 3,243 | Stone, clays, sand and gravel, talc. |
| Audubon | W | W | Sand and gravel. |
| Benton | W | W | Stone, sand and gravel. |
| Black Hawk | W | W | Do. |
| Boone | 860 | 686 | Sand and gravel. |
| Bremer | 637 | 706 | Stone, sand and gravel. |
| Buchanan | W | W | Do. |
| Buena Vista | 216 | 217 | Sand and gravel. |
| Butler | W | W | Stone, sand and gravel. |
| Calhoun | 71 | 71 | Sand and gravel. |
| Carroll | 475 | 398 | Do. |
| Cass | W | W | Stone. |
| Cedar | W | W | Stone, sand and gravel. |
| Cerro Gordo | W | W | Cement, stone, clays, sand and gravel. |
| Cherokee | 372 | 612 | Sand and gravel. |
| Chickasaw | W | W | Stone. |
| Clarke | 790 | 1,101 | Do. |
| Clay | 230 | 220 | Sand and gravel. |
| Clayton | 3,192 | 3,180 | Sand and gravel, stone. |
| Clinton | 1,809 | 2,092 | Stone, sand and gravel. |
| Crawford | W | W | Sand and gravel. |
| Dallas | W | W | Sand and gravel, clays. |
| Davis | W | W | Stone. |
| Decatur | 703 | 1,176 | Do. |
| Delaware | W | W | Sand and gravel, stone. |
| Des Moines | 5,643 | 6,194 | Gypsum, stone, sand and gravel. |
| Dickinson | 308 | 289 | Sand and gravel. |
| Dubuque | W | W | Stone, sand and gravel. |
| Emmett | 432 | 531 | Sand and gravel. |
| Fayette | 1,272 | 1,611 | Stone, sand and gravel. |
| Floyd | 773 | W | Do. |
| Franklin | 1,098 | W | Stone, sand and gravel, clays. |
| Fremont | 561 | 496 | Stone, sand and gravel. |
| Greene | 398 | 453 | Sand and gravel. |
| Grundy | 27 | 38 | Do. |
| Guthrie | 26 | W | Do. |
| Hamilton | W | W | Stone, sand and gravel. |
| Hancock | 1,483 | 1,421 | Stone, sand and gravel, peat. |
| Hardin | 5,040 | 5,464 | Stone, sand and gravel. |
| Harrison | W | W | Do. |
| Henry | 244 | 125 | Do. |
| Howard | W | 507 | Do. |
| Humboldt | 1,579 | W | Do. |
| Ida | — | W | Sand and gravel. |
| Iowa | W | W | Do. |
| Jackson | W | W | Stone, sand and gravel. |
| Jasper | W | W | Sand and gravel, stone. |
| Jefferson | W | W | Stone. |
| Johnson | 3,144 | 3,336 | Stone, sand and gravel. |
| Jones | 1,862 | 2,898 | Do. |
| Keokuk | W | W | Stone. |
| Kossuth | 156 | 93 | Sand and gravel. |
| Lee | W | 1,589 | Stone, sand and gravel. |
| Linn | 6,622 | 6,207 | Stone, sand and gravel, peat. |
| Louisa | W | 1,525 | Stone, sand and gravel. |
| Lucas | 13 | — | |
| Lyon | W | W | Sand and gravel. |
| Madison | W | W | Stone, clays. |
| Mahaska | W | W | Sand and gravel. |
| Marion | W | W | Sand and gravel, stone, gypsum. |
| Marshall | W | 4,332 | Stone, sand and gravel. |
| Mills | W | W | Stone. |
| Mitchell | W | 1,409 | Stone, sand and gravel. |
| Monona | W | W | Sand and gravel. |
| Monroe | W | W | Stone. |
| Montgomery | W | 1,372 | Stone, sand and gravel. |
| Muscatine | W | W | Do. |
| O'Brien | 227 | 338 | Sand and gravel. |
| Osceola | W | W | Do. |
| Page | W | W | Stone, sand and gravel. |
| Palo Alto | W | W | Sand and gravel. |
| Plymouth | 2,201 | W | Do. |
| Pocahontas | W | W | Do. |
| Polk | W | W | Cement, sand and gravel, clays. |
| Pottawattamie | W | W | Stone, sand and gravel. |
| Poweshiek | W | W | Stone. |
| Sac | W | W | Sand and gravel. |
| Scott | 34,051 | 40,162 | Cement, stone, lime, sand and gravel, clays. |
| Shelby | W | W | Sand and gravel. |
| Sioux | 1,623 | 1,876 | Do. |
| Story | 1,548 | W | Sand and gravel, stone, clays. |
| Tama | W | W | Stone, sand and gravel. |
| Taylor | 87 | 3 | Stone. |
| Union | W | W | Do. |
| Van Buren | W | W | Stone, sand and gravel. |
| Wapello | W | W | Sand and gravel, clays. |
| Warren | W | W | Do. |
| Washington | W | W | Stone. |
| Wayne | W | — | |
| Webster | 11,601 | 12,922 | Gypsum, stone, sand and gravel, clays. |
| Winnebago | W | 186 | Sand and gravel, peat. |
| Winneshiek | 1,640 | 1,325 | Stone, sand and gravel. |
| Woodbury | W | W | Sand and gravel, clays. |
| Worth | 1,530 | W | Stone, sand and gravel, peat. |
| Wright | 371 | 400 | Sand and gravel. |
| Undistributed[2] | 161,026 | 165,856 | |
| Total | [3]259,560 | 277,901 | |

W Withheld to avoid disclosing company proprietary data; included with "Undistributed."
[1]Ringgold County is not listed because no nonfuel mineral production was reported.
[2]Includes sand and gravel that cannot be assigned to specific counties and values indicated by symbol W.
[3]Data do not add to total shown because of independent rounding.
Source: Bureau of Mines, Minerals Yearbook, U.S. Department of the Interior.

# value of nonfuel mineral production and principal minerals produced in 1980, midwestern states

| State | Value (Thousands) | U.S. Rank | Percent of U.S. Total | Principal minerals in order of value |
|---|---|---|---|---|
| Minnesota | $ 1,782,310 | 3 | 7.10 | Iron ore, sand and gravel, stone, lime |
| Missouri | 1,056,756 | 8 | 4.21 | Lead, cement, stone, lime |
| Ohio | 562,340 | 15 | 2.24 | Stone, lime, sand and gravel, salt |
| Illinois | 443,281 | 18 | 1.77 | Stone, sand and gravel, cement, lime |
| Indiana | 288,470 | 24 | 1.15 | Stone, cement, sand and gravel, lime |
| Kansas | 261,593 | 27 | 1.04 | Cement, salt, stone and gravel |
| IOWA | 251,876 | 28 | 1.00 | Cement, stone, sand and gravel, gypsum |
| South Dakota | 227,701 | 29 | .91 | Gold, stone, cement, sand and gravel |
| Wisconsin | 152,284 | 35 | .61 | Stone, sand and gravel, iron ore, lime |
| Nebraska | 80,474 | 42 | .32 | Cement, sand and gravel, stone, lime |
| U.S. Total | 25,108,000 | XX | 100.0 | |

XX = Not applicable
Source: "Preprint from the 1980 Bureau of Mines, Minerals Yearbook; Statistical Summary," United States Department of the Interior, Bureau of Mines.

# over half of Iowa's population is urban

The population of the state of Iowa is 2,913,387. The state's largest county, Polk County, has a population of 303,170.

Iowa's 10 largest cities are: Des Moines, 191,003; Cedar Rapids, 110,124; Davenport, 103,264; Sioux City, 82,003; Waterloo, 75,985; Dubuque, 62,321; Council Bluffs, 56,449; Iowa City, 50,508; Ames, 45,775; and Cedar Falls, 36,322.

| | The State | | | Urban | | | | Rural | | | Percent of total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Change From Preceding Census | | | | Change From Preceding Census | | | Change From Preceding Census | | | |
| | Population[1] | Number | Percent | Places of 2,500 or More | Population | Number | Percent | Population | Number | Percent | Urban | Rural |
| Current urban definition: | | | | | | | | | | | | |
| 1980 (Apr. 1) | 2,913,387 | 88,019 | 3.1 | 123 | 1,674,811 | 58,406 | 3.6 | 1,238,576 | 30,605 | 2.5 | 57.5 | 42.5 |
| 1970 (Apr. 1) | 2,825,041 | 67,504 | 2.4 | 111 | 1,616,405 | 153,893 | 10.5 | 1,207,971 | 87,054 | 6.7 | 57.2 | 42.8 |
| 1960 (Apr. 1) | 2,757,537 | 136,464 | 5.2 | 104 | 1,462,512 | 211,574 | 16.9 | 1,295,025 | 75,110 | 5.5 | 53.0 | 47.0 |
| 1950 (Apr. 1) | 2,621,073 | 82,805 | 3.3 | 93 | 1,250,938 | .... | ... | 1,370,135 | .... | ... | 47.7 | 52.3 |
| Previous urban definition: | | | | | | | | | | | | |
| 1960 (Apr. 1) | 2,757,537 | 136,464 | 5.2 | 104 | 1,439,525 | 210,092 | 17.1 | 1,318,012 | 73,628 | 5.3 | 52.2 | 47.8 |
| 1950 (Apr. 1) | 2,621,073 | 82,805 | 3.3 | 93 | 1,229,433 | 145,202 | 13.4 | 1,391,640 | 62,397 | 4.3 | 46.9 | 53.1 |
| 1940 (Apr. 1) | 2,538,268 | 67,329 | 2.7 | 89 | 1,084,231 | 104,939 | 10.7 | 1,454,037 | 37,610 | 2.5 | 42.7 | 57.3 |
| 1930 (Apr. 1) | 2,470,939 | 66,918 | 2.8 | 81 | 979,292 | 103,797 | 11.9 | 1,491,647 | 36,879 | 2.4 | 39.6 | 60.4 |
| 1920 (Jan. 1) | 2,404,021 | 179,250 | 8.1 | 81 | 875,495 | 195,441 | 28.7 | 1,528,526 | 16,191 | 1.0 | 36.4 | 63.6 |
| 1910 (Apr. 15) | 2,224,771 | 7,082 | 0.3 | 69 | 680,054 | 107,668 | 18.8 | 1,544,717 | 114,750 | 6.9 | 30.6 | 69.4 |
| 1900 (June 1) | 2,231,853 | 319,556 | 16.7 | 70 | 572,386 | 166,622 | 41.1 | 1,659,467 | 152 934 | 10.2 | 25.6 | 74.4 |
| 1890 (June 1) | 1,912,297 | 287,682 | 17.7 | 46 | 405,764 | 158,337 | 64.0 | 1,506,533 | 129,345 | 9.4 | 21.2 | 78.8 |
| 1880 (June 1) | 1,624,615 | 430,595 | 36.1 | 34 | 247,427 | 91,100 | 58.3 | 1,377,188 | 339,495 | 32.7 | 15.2 | 84.8 |
| 1870 (June 1) | 1,194,020 | 519,107 | 76.9 | 22 | 156,327 | 96,299 | 160.4 | 1,037,693 | 422,808 | 68.8 | 13.1 | 86.9 |
| 1860 (June 1) | 674,913 | 482,699 | 251.1 | 9 | 60,028 | 50,298 | 516.9 | 614,885 | 432,401 | 237.0 | 8.9 | 91.1 |
| 1850 (June 1) | 192,214 | 149,102 | 345.8 | 3 | 9,730 | 9,730 | ... | 182,484 | 139,372 | 323.3 | 5.1 | 94.9 |
| 1840 (June 1) | 43,112 | .... | .... | .. | .... | .... | ... | 43,112 | .... | ... | ... | 100.0 |

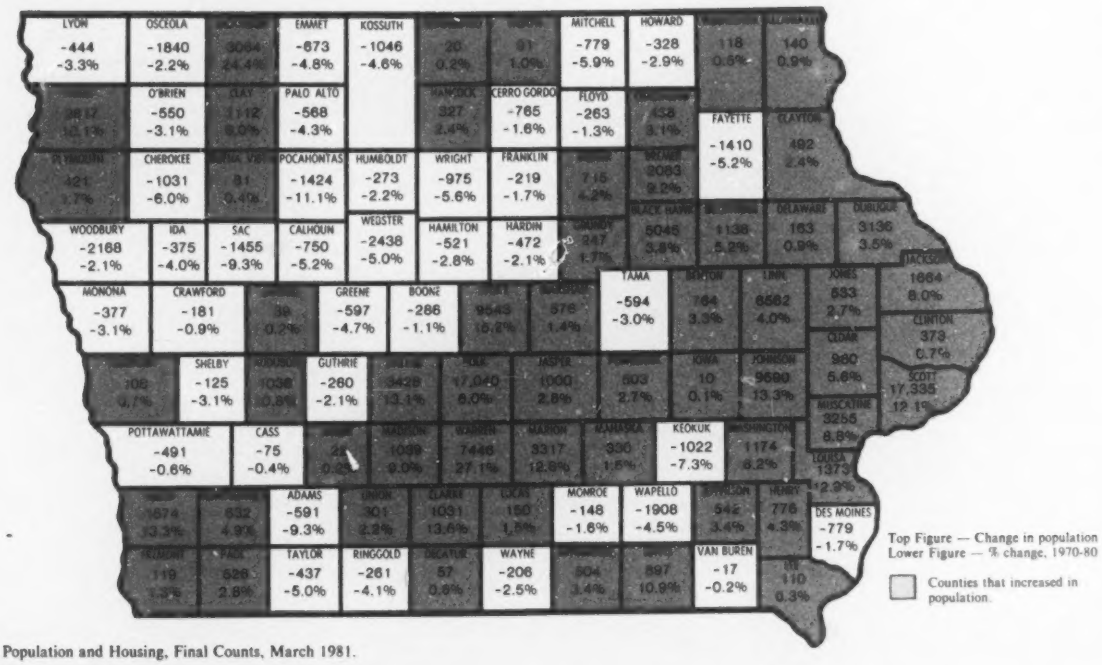
Includes population of area now constituting that part of Minnesota lying west of the Mississippi River and a line drawn from its source northward to the Canadian boundary. This area formed part of Iowa Territory in 1840.
Source: 1980 Census figures, compiled by the Research Division, Iowa Development Commission.

# composition of Iowa's households, 1980

| | |
|---|---|
| **Family Household** | |
| Householder | 773,311 |
| Spouse | 682,578 |
| Other relatives (including children) | 1,019,123 |
| Nonrelatives | 17,557 |
| **Nonfamily Households** | |
| Male householder | 108,550 |
| Female householder | 171,246 |
| Nonrelatives | 45,054 |
| **In Group Quarters** | |
| College dormitory | 41,849 |
| Mental hospital | 2,637 |
| Home for the aged | 36,217 |
| Institutions | 7,546 |
| Other group quarters | 8,140 |

Source: 1980 Census of Population and Housing, STF3A, Iowa; U.S. Department of Commerce, Bureau of Census.

# population change — 1970-1980




Source: 1980 Census of Population and Housing, Final Counts, March 1981.

# population and land area of counties, 1981 and 1970

| | 1980 Population | | | | | | 1970 Population | | | Percent Change, 1970 to 1981 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Land Area in Square Miles, 1981 | Total | | Urban | | Rural | | | | | | |
| | | Number | Per Square Mile | Total | Percent of Total | Total | Total | Urban | Rural | Total | Urban | Rural |
| IOWA | 55,941 | 2,913,387 | 52.1 | 1,674,811 | 57.5 | 1,238,576 | 2,825,041 | 1,616,405 | 1,207,971 | 3.1 | 3.6 | 2.5 |
| Adair | 569 | 9,509 | 16.7 | — | — | 9,509 | 9,487 | — | 9,487 | .2 | — | .2 |
| Adams | 426 | 5,731 | 13.4 | — | — | 5,731 | 6,322 | — | 6,322 | -9.3 | — | -9.3 |
| Allamakee | 636 | 15,108 | 23.8 | 3,775 | 25.0 | 11,333 | 14,968 | 3,883 | 11,085 | .9 | -2.7 | 2.2 |
| Appanoose | 523 | 15,511 | 29.7 | 6,558 | 42.3 | 8,953 | 15,007 | 6,531 | 8,476 | 3.4 | .4 | 5.6 |
| Audubon | 448 | 8,559 | 19.1 | 2,841 | 33.2 | 5,718 | 9,595 | 2,907 | 6,688 | -10.8 | -2.3 | -16.9 |
| Benton | 718 | 23,649 | 32.9 | 7,943 | 33.6 | 15,706 | 22,885 | 7,655 | 15,230 | 3.3 | 3.7 | 3.1 |
| Black Hawk | 568 | 137,916 | 242.8 | 117,105 | 84.9 | 20,811 | 132,916 | 112,881 | 20,035 | 3.8 | 3.7 | 3.8 |
| Boone | 573 | 26,184 | 45.7 | 12,602 | 48.1 | 13,582 | 26,470 | 12,468 | 14,002 | -1.1 | 1.1 | -2.9 |
| Bremer | 439 | 24,820 | 56.5 | 8,444 | 34.0 | 16,376 | 22,737 | 7,205 | 15,532 | 9.2 | 17.2 | 5.4 |
| Buchanan | 568 | 22,900 | 40.3 | 6,360 | 27.8 | 16,540 | 21,762 | 5,910 | 15,836 | 5.2 | 8.0 | 4.4 |
| Buena Vista | 572 | 20,774 | 36.3 | 8,814 | 42.4 | 11,960 | 20,693 | 8,591 | 12,102 | .4 | 2.6 | -1.1 |
| Butler | 582 | 17,668 | 30.4 | — | — | 17,668 | 16,953 | — | 16,953 | 4.2 | — | 4.2 |
| Calhoun | 571 | 13,542 | 23.7 | — | — | 13,542 | 14,292 | — | 14,292 | -5.2 | — | -5.2 |
| Carroll | 574 | 22,951 | 39.9 | 9,705 | 42.3 | 13,246 | 22,912 | 8,716 | 14,196 | .2 | 11.3 | -6.7 |
| Cass | 559 | 16,932 | 30.3 | 7,789 | 46.0 | 9,143 | 17,007 | 7,306 | 9,701 | -0.4 | 6.6 | -5.7 |
| Cedar | 585 | 18,635 | 31.9 | 3,055 | 16.4 | 15,580 | 17,655 | 2,877 | 14,778 | 5.6 | 6.2 | 5.4 |
| Cerro Gordo | 575 | 48,458 | 84.3 | 37,602 | 77.6 | 10,856 | 49,223 | 36,921 | 12,414 | -1.6 | 1.8 | -12.5 |
| Cherokee | 573 | 16,238 | 28.3 | 7,004 | 43.1 | 9,234 | 17,269 | 7,272 | 9,997 | -6.0 | -3.7 | -7.6 |
| Chickasaw | 505 | 15,437 | 30.6 | 3,940 | 25.5 | 11,497 | 14,969 | 3,621 | 11,348 | 3.1 | 8.8 | 1.3 |
| Clarke | 429 | 8,612 | 20.1 | 3,750 | 43.5 | 4,862 | 7,581 | 3,124 | 4,457 | 13.6 | 20.0 | 9.0 |
| Clay | 570 | 19,576 | 34.3 | 11,726 | 59.8 | 7,850 | 18,464 | 10,278 | 8,186 | 6.0 | 14.1 | 4.1 |
| Clayton | 779 | 21,098 | 27.1 | — | — | 21,098 | 20,606 | — | 20,606 | 2.4 | — | 2.4 |
| Clinton | 693 | 57,122 | 82.4 | 42,065 | 73.6 | 15,057 | 56,749 | 41,836 | 14,913 | .7 | .5 | .9 |
| Crawford | 716 | 18,935 | 26.4 | 6,675 | 35.2 | 12,260 | 19,116 | 6,218 | 12,898 | -.9 | 7.3 | -4.9 |
| Dallas | 597 | 29,513 | 49.4 | 9,899 | 33.5 | 19,614 | 26,085 | 6,906 | 19,179 | 13.1 | 43.3 | 2.2 |
| Davis | 509 | 9,104 | 17.8 | 2,849 | 31.3 | 6,255 | 8,207 | 2,718 | 5,489 | 10.9 | 4.8 | 13.9 |
| Decatur | 530 | 9,794 | 18.5 | 2,705 | 27.6 | 7,089 | 9,737 | 2,540 | 7,197 | .6 | 6.5 | -1.5 |
| Delaware | 572 | 18,933 | 33.1 | 4,942 | 26.1 | 13,991 | 18,770 | 4,641 | 14,056 | .9 | 6.5 | -.4 |
| Des Moines | 408 | 46,203 | 113.2 | 32,630 | 70.6 | 13,573 | 46,982 | 35,505 | 11,477 | -1.7 | -8.0 | 18.3 |
| Dickinson | 380 | 15,629 | 41.1 | 3,976 | 26.0 | 11,293 | 12,565 | 3,014 | 9,551 | 24.4 | 31.9 | 18.2 |

# population and land area of counties, 1981 and 1970 (continued)

| | Land Area in Square Miles, 1981 | 1980 Population | | | | | 1970 Population | | | Percent Change, 1970 to 1981 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Urban | | Rural | | | | | | |
| | | Number | Per Square Mile | Total | Percent of Total | Total | Total | Urban | Rural | Total | Urban | Rural |
| Dubuque | 612 | 93,745 | 153.2 | 66,027 | 70.4 | 27,718 | 90,609 | 66,506 | 24,103 | 3.5 | –.7 | 15.0 |
| Emmet | 394 | 13,336 | 33.8 | 7,518 | 56.4 | 5,818 | 14,009 | 8,108 | 5,901 | –4.8 | –7.3 | –1.4 |
| Fayette | 728 | 25,488 | 35.1 | 10,347 | 40.6 | 15,141 | 26,898 | 10,359 | 16,539 | –5.2 | –.1 | –8.5 |
| Floyd | 503 | 19,597 | 40.0 | 8,778 | 44.8 | 10,819 | 19,860 | 9,268 | 10,592 | –1.3 | –5.3 | 2.1 |
| Franklin | 586 | 13,036 | 22.2 | 4,630 | 35.5 | 8,406 | 13,255 | 4,376 | 8,879 | –1.7 | 5.8 | –5.3 |
| Freemont | 524 | 9,401 | 17.9 | — | — | 9,401 | 9,282 | — | 9,282 | 1.3 | — | 1.3 |
| Greene | 569 | 12,119 | 21.3 | 4,854 | 40.1 | 7,265 | 12,716 | 4,735 | 7,981 | –4.7 | 2.5 | –9.0 |
| Grundy | 501 | 14,366 | 28.7 | 2,880 | 20.1 | 11,486 | 14,119 | 2,712 | 11,407 | 1.7 | 6.2 | .7 |
| Guthrie | 596 | 11,983 | 20.1 | — | — | 11,983 | 12,243 | — | 12,243 | –2.1 | — | –2.1 |
| Hamilton | 577 | 17,862 | 31.0 | 8,572 | 48.0 | 9,290 | 18,383 | 8,488 | 9,895 | –2.8 | 1.0 | –6.1 |
| Hancock | 570 | 13,833 | 24.3 | 2,908 | 21.0 | 10,925 | 13,506 | 2,372 | 13,112 | 2.4 | 22.6 | –16.7 |
| Hardin | 574 | 21,776 | 37.9 | 9,237 | 42.4 | 12,529 | 22,248 | 9,677 | 12,571 | –2.2 | –4.5 | –.3 |
| Harrison | 696 | 16,348 | 23.5 | 3,107 | 19.0 | 13,241 | 16,240 | 3,519 | 12,721 | .7 | –11.7 | 4.1 |
| Henry | 440 | 18,890 | 42.9 | 7,322 | 38.8 | 11,568 | 18,114 | 7,007 | 11,107 | 4.3 | 4.5 | 4.2 |
| Howard | 471 | 11,114 | 23.6 | 3,860 | 34.7 | 7,254 | 11,442 | 3,927 | 7,515 | –2.9 | –1.7 | –3.5 |
| Humboldt | 435 | 12,246 | 28.2 | 4,794 | 39.1 | 7,452 | 12,519 | 4,665 | 7,854 | –2.2 | 2.8 | –5.1 |
| Ida | 431 | 8,908 | 20.7 | — | — | 8,908 | 9,283 | — | 9,190 | –4.0 | — | –4.0 |
| Iowa | 584 | 15,429 | 26.4 | — | — | 15,429 | 15,419 | — | 15,419 | .1 | — | .1 |
| Jackson | 644 | 22,503 | 30.5 | 6,313 | 28.1 | 16,190 | 20,839 | 5,677 | 15,162 | 8.0 | 11.2 | 6.8 |
| Jasper | 737 | 36,425 | 49.4 | 15,292 | 42.0 | 21,133 | 35,425 | 15,619 | 19,806 | 2.8 | –2.1 | 6.7 |
| Jefferson | 436 | 16,316 | 37.4 | 9,428 | 57.8 | 6,888 | 15,774 | 8,715 | 7,059 | 3.4 | 8.2 | –2.4 |
| Johnson | 619 | 81,717 | 132.0 | 64,508 | 78.9 | 17,209 | 72,127 | 52,980 | 19,147 | 13.3 | 21.8 | –10.1 |
| Jones | 585 | 20,401 | 34.9 | 8,599 | 42.1 | 11,802 | 19,868 | 7,898 | 11,970 | 2.7 | 8.9 | –1.4 |
| Keokuk | 579 | 12,921 | 22.3 | — | — | 12,921 | 13,943 | — | 13,943 | –7.3 | — | –7.3 |
| Kossuth | 979 | 21,891 | 22.4 | 6,289 | 28.7 | 15,602 | 22,937 | 6,032 | 16,905 | –4.6 | 4.3 | –7.7 |
| Lee | 527 | 43,106 | 81.8 | 27,056 | 62.8 | 16,050 | 42,996 | 28,627 | 14,369 | .3 | –5.5 | 11.7 |
| Linn | 717 | 169,775 | 236.8 | 137,867 | 81.2 | 31,808 | 163,213 | 135,026 | 28,187 | 4.0 | 2.1 | 12.8 |
| Louisa | 403 | 12,055 | 29.9 | — | — | 12,055 | 10,682 | — | 10,682 | 12.9 | — | 12.9 |
| Lucas | 434 | 10,313 | 23.8 | 4,987 | 48.4 | 5,326 | 10,163 | 5,009 | 5,154 | 1.5 | –.6 | 3.3 |
| Lyon | 588 | 12,896 | 22.1 | 2,693 | 20.9 | 10,203 | 13,340 | 2,632 | 10,708 | –3.3 | 2.3 | –4.7 |
| Madison | 564 | 12,597 | 22.3 | 4,021 | 31.9 | 8,576 | 11,558 | 3,654 | 7,904 | 9.0 | 10.0 | 8.5 |
| Mahaska | 572 | 22,507 | 39.3 | 10,629 | 47.2 | 11,878 | 22,177 | 11,224 | 10,953 | 1.5 | –5.3 | 8.4 |
| Marion | 498 | 29,669 | 59.6 | 16,492 | 55.6 | 13,177 | 26,352 | 14,423 | 11,929 | 12.6 | 14.3 | 10.5 |
| Marshall | 574 | 41,562 | 72.6 | 26,938 | 64.7 | 14,714 | 41,076 | 26,219 | 14,857 | –1.4 | 2.7 | –1.0 |
| Mills | 447 | 13,406 | 30.0 | 5,280 | 39.4 | 8,126 | 11,832 | 4,195 | 7,411 | 13.3 | 25.9 | 9.6 |
| Mitchell | 467 | 12,329 | 26.4 | 3,718 | 30.2 | 8,611 | 13,108 | 3,815 | 9,293 | –5.9 | –2.5 | –7.3 |
| Monona | 699 | 11,692 | 16.7 | 3,283 | 28.1 | 8,409 | 12,069 | 3,154 | 8,915 | –3.1 | 4.1 | –5.7 |
| Monroe | 435 | 9,209 | 21.2 | 4,184 | 45.4 | 5,025 | 9,357 | 4,151 | 5,206 | –1.6 | .8 | –3.4 |
| Montgomery | 422 | 13,413 | 31.8 | 6,810 | 50.1 | 6,603 | 12,781 | 6,210 | 6,571 | 4.9 | 9.7 | .4 |
| Muscatine | 443 | 40,436 | 91.3 | 22,309 | 79.9 | 17,827 | 37,181 | 22,405 | 14,776 | 8.8 | –.4 | 20.6 |
| O'Brien | 575 | 16,972 | 29.5 | 5,003 | 29.5 | 11,969 | 17,522 | 4,535 | 12,987 | –3.1 | 10.3 | –7.8 |
| Osceola | 398 | 8,371 | 21.0 | 3,051 | 36.4 | 5,320 | 8,555 | 2,749 | 5,806 | –2.2 | 11.0 | –8.4 |
| Page | 535 | 19,063 | 35.6 | 11,732 | 61.5 | 7,331 | 18,537 | 11,388 | 7,119 | 2.8 | 3.0 | 2.9 |
| Palo Alto | 561 | 12,721 | 22.7 | 4,621 | 36.3 | 8,100 | 13,289 | 4,150 | 9,139 | –4.3 | 11.3 | –11.4 |
| Plymouth | 863 | 24,743 | 28.7 | 8,853 | 35.8 | 15,890 | 24,322 | 8,159 | 15,153 | 1.7 | 1.9 | –1.6 |
| Pocahontas | 581 | 11,369 | 19.6 | — | — | 11,369 | 12,793 | — | 12,729 | –11.1 | — | –11.1 |
| Polk | 578 | 303,170 | 524.5 | 272,680 | 89.9 | 30,490 | 286,130 | 265,764 | 20,337 | 6.0 | 2.6 | 49.9 |
| Pottawattamie | 963 | 86,500 | 89.8 | 59,887 | 69.2 | 26,613 | 86,991 | 64,847 | 22,144 | –.6 | –7.6 | 20.1 |
| Poweshiek | 589 | 19,306 | 32.7 | 8,868 | 45.9 | 10,438 | 18,803 | 8,402 | 10,401 | 2.7 | 5.5 | .1 |
| Ringgold | 538 | 6,112 | 11.4 | — | — | 6,112 | 6,373 | — | 6,373 | –4.1 | — | –4.1 |
| Sac | 578 | 14,118 | 24.2 | 3,000 | 21.2 | 11,118 | 15,573 | 3,268 | 12,305 | –9.3 | –8.2 | 9.6 |
| Scott | 454 | 160,022 | 352.2 | 136,823 | 85.5 | 23,199 | 142,687 | 126,295 | 16,392 | 12.1 | 8.3 | 41.5 |
| Shelby | 587 | 15,043 | 25.6 | 5,357 | 35.6 | 9,686 | 15,528 | 5,049 | 10,479 | –3.1 | 6.1 | –7.6 |
| Sioux | 766 | 30,813 | 40.2 | 19,607 | 63.6 | 11,206 | 27,996 | 9,811 | 18,185 | 10.1 | 99.8 | –38.4 |
| Story | 568 | 72,326 | 127.3 | 54,449 | 75.3 | 17,877 | 62,783 | 44,457 | 18,326 | 15.2 | 22.5 | –2.5 |
| Tama | 720 | 19,533 | 27.1 | 5,413 | 27.7 | 14,120 | 20,147 | 3,000 | 17,147 | –3.0 | 80.4 | –17.7 |
| Taylor | 528 | 8,353 | 15.8 | — | — | 8,353 | 8,790 | — | 8,790 | –5.0 | — | –5.0 |
| Union | 425 | 13,858 | 32.6 | 8,429 | 60.8 | 5,429 | 13,557 | 8,234 | 5,323 | 2.2 | 2.4 | 2.0 |
| Van Buren | 487 | 8,626 | 17.7 | — | — | 8,626 | 8,643 | — | 8,643 | –.2 | — | –.2 |
| Wapello | 437 | 40,241 | 92.0 | 27,381 | 68.0 | 12,860 | 42,149 | 29,610 | 12,539 | –4.5 | –7.2 | 2.6 |
| Warren | 558 | 34,878 | 62.5 | 16,592 | 47.6 | 18,286 | 27,432 | 10,917 | 16,515 | 27.1 | 52.0 | 10.7 |
| Washington | 568 | 20,141 | 34.5 | 6,584 | 32.7 | 13,557 | 18,967 | 6,317 | 12,650 | 6.2 | 4.2 | 7.2 |
| Wayne | 532 | 8,199 | 15.4 | — | — | 8,199 | 8,405 | — | 8,405 | –2.5 | — | –2.5 |
| Webster | 718 | 45,953 | 64.0 | 29,423 | 64.0 | 16,530 | 48,391 | 31,263 | 17,128 | –5.9 | –5.9 | –3.5 |
| Winnebago | 401 | 13,010 | 32.4 | 4,270 | 32.8 | 8,740 | 12,990 | 3,726 | 9,264 | .2 | 14.6 | –5.7 |
| Winneshiek | 688 | 21,876 | 31.8 | 7,991 | 36.5 | 13,885 | 21,758 | 7,458 | 14,300 | .5 | 7.1 | –2.9 |
| Woodbury | 871 | 100,884 | 115.8 | 82,003 | 81.3 | 18,881 | 103,052 | 87,157 | 15,895 | –2.1 | –5.9 | 18.8 |
| Worth | 400 | 9,075 | 22.7 | — | — | 9,075 | 8,984 | — | 8,984 | 1.0 | — | 1.0 |
| Wright | 577 | 16,319 | 28.3 | 9,889 | 60.6 | 6,430 | 17,294 | 7,461 | 9,833 | –5.6 | 32.5 | –34.6 |

Source: 1980 Census of Population and Housing, March, 1981. Compiled by Research Division, Iowa Development Commission.

# population by sex by age, Iowa, 1980

| Age | Total | Female | Male |
|---|---|---|---|
| Under 1 year | 47,988 | 23,966 | 24,022 |
| 1-2 years | 89,624 | 43,388 | 46,236 |
| 3-4 years | 83,833 | 41,091 | 42,742 |
| 5 years | 41,112 | 19,844 | 21,268 |
| 6 years | 39,162 | 19,543 | 19,619 |
| 7-9 years | 130,197 | 63,369 | 66,828 |
| 10-13 years | 183,448 | 89,405 | 94,043 |
| 14 years | 48,915 | 23,855 | 25,060 |
| 15 years | 52,403 | 25,484 | 26,919 |
| 16 years | 55,285 | 26,598 | 28,687 |
| 17 years | 55,474 | 27,884 | 27,590 |
| 18 years | 56,695 | 28,658 | 28,037 |
| 19 years | 57,836 | 28,891 | 28,945 |
| 20 years | 57,148 | 29,019 | 28,129 |
| 21 years | 55,213 | 27,579 | 27,634 |
| 22-24 years | 159,373 | 79,587 | 79,786 |
| 25-29 years | 241,119 | 118,652 | 122,467 |
| 30-34 years | 208,686 | 103,557 | 105,129 |
| 35-44 years | 302,628 | 153,156 | 149,479 |
| 45-54 years | 281,293 | 144,495 | 136,798 |
| 55-59 years | 144,553 | 74,941 | 69,612 |
| 60-61 years | 55,477 | 29,425 | 26,052 |
| 62-64 years | 78,864 | 42,298 | 36,566 |
| 65-74 years | 216,681 | 121,790 | 94,891 |
| 75-84 years | 126,935 | 80,495 | 46,440 |
| 85 years and over | 43,866 | 30,712 | 13,154 |
| Total | 2,913,387 | 1,497,682 | 1,415,705 |
| Median Age | 30.0 | | |

Source: 1980 Census of Population and Housing, U.S. Department of Commerce, Bureau of the Census.

# Iowa's 100 fastest growing places increase in population by 25% or more

| Places (Ranked) | 1970-80 % Change |
|---|---|
| Johnston | 1,078.9 |
| Asbury | 392.0 |
| De Soto | 180.5 |
| Bondurant | 177.7 |
| Wahpeton | 149.7 |
| Grimes | 136.6 |
| Polk City | 131.9 |
| Pleasant Hill | 127.6 |
| Long Grove | 121.6 |
| Eldridge | 113.6 |
| Peosta | 110.5 |
| Sergeant Bluff | 107.6 |
| West Okoboji | 107.1 |
| Buck Grove | 104.9 |
| Huxley | 101.1 |
| Altoona | 99.9 |
| Hiawatha | 99.7 |
| Clive | 96.5 |
| Plain View | 95.7 |
| Treynor | 94.9 |
| North Liberty | 93.9 |
| Crescent | 92.6 |
| Shueyville | 86.4 |
| Millville | 85.2 |
| Swan | 82.1 |
| Ankeny | 68.6 |
| McCausland | 68.6 |
| Lakeside | 66.9 |
| LeGrand | 63.0 |
| Van Meter | 61.0 |
| Beacon | 56.8 |
| Swisher | 56.8 |
| Okoboji | 54.8 |
| Ely | 54.5 |
| Gilbert | 54.5 |
| Norwalk | 53.4 |
| Princeton | 52.4 |
| Fremont | 52.1 |
| Branson | 49.7 |
| Hudson | 47.7 |
| Atalissa | 47.5 |
| Luxemburg | 46.5 |
| Coburg | 44.4 |
| Walcott | 44.1 |
| Dakota City | 43.7 |
| Martensdale | 43.1 |
| Bankston | 42.9 |
| Ridgeway | 41.3 |
| Montrose | 41.2 |
| Waukee | 41.2 |
| West Branch | 41.2 |
| Denver | 40.9 |
| Badger | 40.4 |
| Hazelton | 40.1 |
| Westphalia | 39.7 |
| Meriden | 39.5 |
| Readlyn | 39.3 |
| Milo | 38.7 |
| Tiffin | 38.1 |
| Orleans | 37.9 |
| Carlisle | 36.8 |
| Camanche | 36.2 |
| Mediapolis | 35.7 |
| Superior | 35.3 |
| Vining | 35.2 |
| Hinton | 35.0 |
| Monroe | 35.0 |
| Barnum | 34.7 |
| Westfield | 34.5 |
| Balltown | 34.2 |
| Donahue | 33.8 |
| Packwood | 33.8 |
| Parnell | 33.7 |
| Wilton | 33.6 |
| Blue Grass | 33.4 |
| Colo | 33.3 |
| Fredenia | 33.3 |
| West Des Moines | 33.2 |
| Sioux Center | 33.0 |
| Grandview | 32.5 |
| Cushing | 32.4 |
| Kinross | 31.9 |
| Spirit Lake | 31.9 |
| Williamsburg | 31.7 |
| Dolliver | 31.6 |
| North Buena Vista | 31.4 |
| Story City | 31.3 |
| Hartford | 30.8 |
| Stanton | 30.1 |
| New Sharon | 29.8 |
| Ionia | 29.6 |
| Floris | 29.0 |
| Westgate | 28.9 |
| Garner | 28.8 |
| Delphos | 28.6 |
| Orange City | 28.4 |
| Newhall | 28.2 |
| Franklin | 27.9 |

Source: 1980 Census of Population and Housing, March 1981.

# summary of places, 2500 or more inhabitants

| City | Persons | | | Race | | | | | | Housing Units | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1980 | 1970 | % Change 1970-80 | White | Black | Am. Indian Eskimo & Aleut | Asian & Pacific Islander | Other | Spanish Origin | 1980 | 1970 | % Change 1970-80 |
| Adel | 2,846 | 2,419 | 17.7 | 2,829 | 2 | 0 | 6 | 9 | 22 | 1,208 | 882 | 37.0 |
| Albia | 4,184 | 4,151 | .8 | 4,162 | 12 | 2 | 3 | 5 | 17 | 1,990 | 1,678 | 13.2 |
| Algona | 6,289 | 6,032 | 4.3 | 6,254 | 5 | 4 | 14 | 12 | 45 | 2,512 | 2,090 | 20.2 |
| Altoona | 5,764 | 2,883 | 99.9 | 5,706 | 9 | 7 | 16 | 26 | 37 | 1,964 | 849 | 131.3 |
| Ames | 45,775 | 39,505 | 15.9 | 43,073 | 771 | 43 | 1,189 | 699 | 543 | 14,809 | 11,038 | 34.2 |
| Anamosa | 4,958 | 4,389 | 13.0 | 4,832 | 94 | 16 | 4 | 12 | 31 | 1,654 | 1,319 | 25.4 |
| Ankeny | 15,429 | 9,151 | 68.6 | 15,234 | 70 | 18 | 59 | 48 | 98 | 5,611 | 2,641 | 112.5 |
| Atlantic | 7,789 | 7,306 | 6.6 | 7,715 | 9 | 6 | 33 | 26 | 24 | 3,353 | 2,810 | 19.3 |
| Audubon | 2,841 | 2,907 | -2.3 | 2,823 | 0 | 0 | 8 | 10 | 10 | 1,230 | 1,091 | 12.7 |
| Belle Plaine | 2,903 | 2,810 | 3.3 | 2,888 | 1 | 4 | 1 | 9 | 14 | 1,303 | 1,153 | 13.0 |
| Belmond | 2,505 | 2,358 | 6.2 | 2,483 | 0 | 0 | 10 | 12 | 18 | 1,060 | 843 | 25.7 |
| Bettendorf | 27,381 | 22,126 | 23.8 | 26,724 | 239 | 48 | 202 | 168 | 439 | 9,668 | 6,445 | 50.0 |
| Bloomfield | 2,849 | 2,718 | 4.8 | 2,818 | 15 | 2 | 3 | 11 | 5 | 1,305 | 1,108 | 17.8 |
| Boone | 12,602 | 12,468 | 1.1 | 12,510 | 21 | 7 | 27 | 37 | 65 | 5,316 | 4,590 | 15.8 |
| Burlington | 29,529 | 32,366 | -8.8 | 28,254 | 964 | 46 | 99 | 166 | 383 | 12,090 | 11,979 | .9 |
| Camanche | 4,725 | 3,470 | 36.2 | 4,697 | 11 | 5 | 7 | 5 | 38 | 1,654 | 1,077 | 53.6 |
| Carlisle | 3,073 | 2,246 | 36.8 | 3,048 | 3 | 2 | 8 | 12 | 17 | 1,092 | 698 | 56.4 |
| Carroll | 9,705 | 8,716 | 11.3 | 9,657 | 1 | 10 | 29 | 8 | 58 | 3,545 | 2,683 | 32.1 |
| Carter Lake | 3,438 | 3,268 | 5.2 | 3,378 | 0 | 23 | 14 | 14 | 98 | 1,127 | 885 | 27.3 |
| Cedar Falls | 36,222 | 29,597 | 22.7 | 35,477 | 332 | 59 | 303 | 151 | 227 | 12,189 | 8,286 | 47.1 |
| Cedar Rapids | 110,243 | 110,642 | -0.4 | 106,342 | 2,555 | 199 | 535 | 612 | 1,014 | 43,541 | 37,979 | 14.6 |
| Centerville | 6,558 | 6,531 | 0.4 | 6,369 | 99 | 25 | 34 | 31 | 51 | 2,945 | 2,668 | 10.4 |
| Chariton | 4,987 | 5,009 | -0.4 | 4,962 | 2 | 5 | 11 | 7 | 11 | 2,345 | 2,089 | 12.3 |
| Charles City | 8,778 | 9,268 | -5.3 | 8,737 | 3 | 1 | 14 | 23 | 52 | 3,576 | 3,437 | 4.0 |
| Cherokee | 7,004 | 7,272 | -3.7 | 6,960 | 7 | 16 | 14 | 7 | 26 | 2,863 | 2,587 | 10.7 |
| Clarinda | 5,458 | 5,420 | 0.7 | 5,351 | 37 | 6 | 42 | 22 | 34 | 2,285 | 1,962 | 16.5 |
| Clarion | 3,060 | 2,972 | 3.0 | 3,030 | 0 | 10 | 5 | 15 | 33 | 1,345 | 1,164 | 15.5 |
| Clear Lake | 7,458 | 6,430 | 16.0 | 7,376 | 14 | 7 | 17 | 44 | 70 | 3,731 | 2,650 | 40.8 |
| Clinton | 32,828 | 34,719 | -5.4 | 31,950 | 530 | 79 | 153 | 116 | 174 | 12,895 | 11,868 | 8.7 |
| Clive | 5,906 | 3,005 | 96.5 | 5,757 | 41 | 5 | 65 | 38 | 46 | 2,292 | 936 | 144.9 |
| Coralville | 7,687 | 6,130 | 25.4 | 7,330 | 167 | 23 | 107 | 60 | 83 | 3,672 | 2,199 | 67.0 |
| Council Bluffs | 56,449 | 60,348 | -6.5 | 55,303 | 415 | 140 | 180 | 411 | 987 | 21,949 | 19,750 | 11.1 |
| Cresco | 3,860 | 3,927 | -1.7 | 3,844 | 2 | 3 | 9 | 2 | 6 | 1,646 | 1,440 | 14.3 |
| Creston | 8,429 | 8,234 | 2.4 | 8,384 | 16 | 3 | 20 | 6 | 22 | 3,642 | 3,229 | 12.8 |
| Davenport | 103,264 | 98,469 | 4.9 | 94,641 | 6,296 | 255 | 551 | 1,521 | 2,859 | 40,294 | 33,466 | 20.4 |
| Decorah | 7,991 | 7,237 | 10.4 | 7,742 | 88 | 0 | 34 | 127 | 27 | 2,653 | 2,059 | 28.8 |
| Denison | 6,675 | 6,218 | 7.3 | 6,541 | 8 | 5 | 43 | 78 | 45 | 2,568 | 2,167 | 18.5 |
| Des Moines | 191,003 | 201,404 | -5.2 | 172,618 | 13,054 | 556 | 1,596 | 3,179 | 3,523 | 79,913 | 72,639 | 10.0 |
| DeWitt | 4,512 | 3,647 | 23.7 | 4,495 | 1 | 3 | 6 | 7 | 22 | 1,789 | 1,290 | 38.7 |
| Dubuque | 62,321 | 62,309 | * | 61,689 | 219 | 52 | 194 | 167 | 359 | 22,160 | 18,030 | 22.9 |
| Dyersville | 3,825 | 3,437 | 11.3 | 3,814 | 0 | 0 | 3 | 8 | 13 | 1,334 | 1,009 | 32.2 |
| Eagle Grove | 4,324 | 4,489 | -3.7 | 4,263 | 0 | 5 | 45 | 11 | 10 | 1,736 | 1,599 | 8.6 |
| Eldora | 3,063 | 3,223 | -5.0 | 3,042 | 0 | 3 | 10 | 8 | 20 | 1,340 | 1,151 | 16.4 |
| Eldridge | 3,279 | 1,535 | 113.6 | 3,261 | 8 | 1 | 3 | 6 | 13 | 1,034 | 435 | 137.7 |
| Emmetsburg | 4,621 | 4,150 | 11.3 | 4,591 | 6 | 2 | 7 | 15 | 31 | 1,805 | 1,445 | 24.9 |
| Estherville | 7,518 | 8,108 | -7.3 | 7,441 | 9 | 8 | 26 | 34 | 37 | 3,075 | 2,644 | 16.3 |
| Evansdale | 4,798 | 5,038 | -4.8 | 4,730 | 11 | 27 | 12 | 18 | 45 | 1,669 | 1,462 | 14.2 |
| Fairfield | 9,428 | 8,715 | 8.2 | 9,248 | 64 | 14 | 30 | 72 | 81 | 3,445 | 3,237 | 6.7 |
| Forest City | 4,270 | 3,841 | 11.2 | 4,217 | 27 | 3 | 5 | 18 | 36 | 1,694 | 1,289 | 31.4 |
| Fort Dodge | 29,423 | 31,263 | -5.9 | 28,337 | 769 | 25 | 108 | 184 | 368 | 11,636 | 10,693 | 8.8 |
| Fort Madison | 13,520 | 13,996 | -3.4 | 12,532 | 574 | 35 | 66 | 313 | 612 | 5,328 | 4,998 | 6.6 |
| Garner | 2,908 | 2,257 | 28.8 | 2,890 | 4 | 0 | 2 | 12 | 21 | 1,063 | 837 | 27.0 |
| Glenwood | 5,280 | 4,421 | 19.4 | 5,246 | 10 | 2 | 15 | 7 | 34 | 1,759 | 1,291 | 36.3 |
| Grinnell | 8,868 | 8,402 | 5.5 | 8,670 | 58 | 16 | 66 | 58 | 48 | 3,279 | 2,792 | 17.4 |
| Harlan | 5,357 | 5,049 | 6.1 | 5,322 | 2 | 1 | 16 | 16 | 29 | 2,212 | 1,778 | 24.4 |
| Hampton | 4,630 | 4,376 | 5.8 | 4,552 | 6 | 1 | 4 | 67 | 99 | 2,016 | 1,764 | 14.3 |
| Hawarden | 2,722 | 2,789 | -2.4 | 2,676 | 11 | 31 | 1 | 3 | 10 | 1,120 | 997 | 12.3 |
| Hiawatha | 4,825 | 2,416 | 99.7 | 4,772 | 24 | 10 | 13 | 6 | 39 | 1,989 | 709 | 180.5 |
| Humboldt | 4,794 | 4,665 | 2.8 | 4,780 | 1 | 4 | 6 | 3 | 11 | 2,024 | 1,611 | 25.6 |
| Independence | 6,392 | 5,910 | 8.2 | 6,340 | 2 | 8 | 27 | 15 | 30 | 2,463 | 2,074 | 18.8 |
| Indianola | 16,843 | 8,852 | 72.5 | 10,694 | 69 | 10 | 52 | 18 | 30 | 4,104 | 2,833 | 44.9 |
| Iowa City | 30,508 | 46,850 | 7.8 | 47,678 | 990 | 81 | 1,162 | 597 | 593 | 19,235 | 15,481 | 24.2 |
| Iowa Falls | 6,174 | 6,454 | -4.3 | 6,078 | 45 | 11 | 22 | 18 | 18 | 2,444 | 2,259 | 8.2 |
| Jefferson | 4,854 | 4,735 | 2.5 | 4,819 | 2 | 9 | 20 | 4 | 6 | 2,024 | 1,824 | 11.0 |
| Johnston | 2,617 | 222 | 1079.0 | 2,599 | 4 | 0 | 7 | 7 | 15 | 1,013 | 54 | 1776.0 |
| Keokuk | 13,536 | 14,631 | -7.5 | 12,930 | 468 | 15 | 84 | 39 | 88 | 5,667 | 5,309 | 6.7 |
| Knoxville | 8,143 | 7,755 | 5.0 | 8,030 | 19 | 10 | 49 | 35 | 75 | 3,141 | 2,506 | 25.3 |
| Lamoni | 2,705 | 2,540 | 6.5 | 2,622 | 26 | 7 | 28 | 22 | 39 | 850 | 708 | 20.1 |
| LeClaire | 2,899 | 2,520 | 15.0 | 2,871 | 1 | 3 | 9 | 15 | 28 | 1,035 | 765 | 35.3 |
| LeMars | 8,276 | 8,159 | 1.4 | 8,193 | 41 | 2 | 22 | 18 | 37 | 3,095 | 2,603 | 18.9 |
| Manchester | 4,942 | 4,641 | 6.5 | 4,920 | 1 | 1 | 7 | 13 | 24 | 2,045 | 1,704 | 20.0 |
| Maquoketa | 6,313 | 5,677 | 11.2 | 6,288 | 1 | 3 | 17 | 4 | 24 | 2,655 | 2,090 | 27.0 |
| Marion | 19,474 | 18,028 | 8.0 | 19,234 | 57 | 39 | 95 | 49 | 86 | 7,194 | 5,522 | 30.3 |
| Marshalltown | 26,938 | 26,219 | 2.7 | 26,260 | 259 | 55 | 135 | 229 | 216 | 10,771 | 9,127 | 18.0 |
| Mason City | 30,144 | 30,379 | -0.8 | 29,439 | 201 | 31 | 105 | 368 | 804 | 12,617 | 10,672 | 18.2 |
| Missouri Valley | 3,107 | 3,519 | -11.7 | 3,098 | 0 | 6 | 2 | 1 | 2 | 1,321 | 1,233 | 7.1 |
| Monticello | 3,641 | 3,509 | 3.8 | 3,635 | 0 | 1 | 3 | 2 | 8 | 1,492 | 1,169 | 27.6 |
| Mount Pleasant | 7,322 | 7,007 | 4.5 | 7,087 | 121 | 15 | 47 | 52 | 42 | 2,823 | 2,396 | 17.8 |
| Mount Vernon | 3,325 | 3,018 | 10.2 | 3,226 | 41 | 2 | 36 | 20 | 21 | 1,006 | 716 | 40.5 |
| Muscatine | 23,467 | 22,405 | 4.7 | 22,271 | 167 | 34 | 95 | 900 | 1,297 | 8,975 | 7,742 | 15.9 |
| Nevada | 5,912 | 4,952 | 19.4 | 5,875 | 6 | 2 | 13 | 16 | 26 | 2,402 | 1,792 | 34.0 |
| New Hampton | 3,940 | 3,621 | 8.8 | 3,922 | 0 | 4 | 4 | 10 | 6 | 1,588 | 1,216 | 30.6 |
| Newton | 15,292 | 15,619 | -2.1 | 15,154 | 17 | 19 | 45 | 57 | 100 | 6,471 | 5,625 | 15.0 |
| Norwalk | 2,676 | 1,745 | 53.4 | 2,647 | 9 | 1 | 15 | 4 | 14 | 861 | 499 | 72.5 |
| Oelwein | 7,564 | 7,735 | -2.2 | 7,479 | 8 | 5 | 14 | 58 | 144 | 3,069 | 2,817 | 8.9 |
| Onawa | 3,283 | 3,154 | 4.1 | 3,267 | 0 | 8 | 4 | 4 | 14 | 1,396 | 1,211 | 15.3 |
| Orange City | 4,588 | 3,572 | 28.4 | 4,527 | 14 | 6 | 9 | 32 | 9 | 1,529 | 1,154 | 32.5 |
| Osage | 3,718 | 3,815 | -2.5 | 3,710 | 0 | 0 | 8 | 0 | 10 | 1,610 | 1,386 | 16.2 |
| Osceola | 3,750 | 3,124 | 20.0 | 3,727 | 4 | 2 | 12 | 5 | 13 | 1,806 | 1,376 | 31.3 |
| Oskaloosa | 10,629 | 11,224 | -5.3 | 10,363 | 109 | 19 | 33 | 105 | 54 | 4,605 | 4,292 | 7.3 |
| Ottumwa | 27,381 | 29,610 | -7.5 | 26,937 | 255 | 30 | 63 | 96 | 125 | 11,459 | 11,158 | 2.7 |
| Pella | 8,349 | 6,668 | 25.2 | 8,086 | 53 | 5 | 88 | 117 | 49 | 3,070 | 2,132 | 44.0 |
| Perry | 7,053 | 6,906 | 2.1 | 6,980 | 32 | 1 | 29 | 11 | 77 | 2,980 | 2,650 | 12.5 |
| Pleasant Hill | 3,493 | 1,535 | 127.6 | 3,388 | 31 | 9 | 48 | 17 | 49 | 1,182 | 401 | 194.8 |
| Red Oak | 6,810 | 6,210 | 9.7 | 6,760 | 8 | 4 | 13 | 25 | 15 | 3,021 | 2,537 | 19.1 |
| Rock Rapids | 2,693 | 2,632 | 2.3 | 2,667 | 1 | 0 | 3 | 22 | 7 | 1,182 | 1,018 | 16.1 |
| Rock Valley | 2,706 | 2,205 | 22.7 | 2,660 | 4 | 1 | 15 | 26 | 17 | 994 | 725 | 37.1 |
| Sac City | 3,000 | 3,268 | -8.2 | 2,997 | 1 | 0 | 0 | 2 | 11 | 1,284 | 1,205 | 6.6 |
| Sheldon | 5,003 | 4,535 | 10.3 | 4,986 | 2 | 2 | 5 | 8 | 16 | 1,955 | 1,597 | 22.4 |
| Shenandoah | 6,274 | 5,968 | 5.1 | 6,225 | 0 | 8 | 12 | 29 | 47 | 2,834 | 2,444 | 16.0 |
| Sibley | 3,051 | 2,749 | 11.0 | 3,040 | 2 | 6 | 2 | 1 | 2 | 1,234 | 1,031 | 19.7 |
| Sioux Center | 4,588 | 3,450 | 33.0 | 4,528 | 4 | 13 | 22 | 21 | 12 | 1,470 | 957 | 53.6 |
| Sioux City | 82,003 | 85,925 | -4.6 | 78,861 | 1,118 | 1,135 | 891 | 598 | 1,081 | 32,007 | 29,197 | 9.6 |
| Spencer | 11,726 | 10,078 | 14.1 | 11,616 | 1 | 25 | 27 | 57 | 37 | 4,803 | 3,689 | 30.2 |
| Spirit Lake | 3,976 | 3,014 | 31.9 | 3,941 | 0 | 11 | 3 | 21 | 15 | 1,717 | 1,196 | 43.6 |
| Storm Lake | 8,814 | 8,591 | 2.6 | 8,729 | 6 | 3 | 12 | 64 | 39 | 3,363 | 2,933 | 14.7 |
| Story City | 2,762 | 2,104 | 31.3 | 2,732 | 1 | 1 | 4 | 24 | 1 | 1,137 | 804 | 41.4 |
| Tama | 2,968 | 3,000 | -1.1 | 2,866 | 1 | 82 | 7 | 12 | 14 | 1,194 | 1,083 | 10.2 |
| Tipton | 3,055 | 2,877 | 6.2 | 3,033 | 0 | 3 | 10 | 9 | 6 | 1,317 | 1,067 | 23.4 |
| Urbandale | 17,869 | 14,434 | 23.8 | 17,479 | 140 | 17 | 172 | 61 | 97 | 6,904 | 4,276 | 61.5 |
| Vinton | 5,040 | 4,845 | 4.0 | 5,017 | 1 | 11 | 5 | 6 | 21 | 2,157 | 1,770 | 21.9 |
| Washington | 6,584 | 6,317 | 4.2 | 6,540 | 5 | 5 | 28 | 6 | 37 | 2,772 | 2,441 | 13.6 |
| Waterloo | 75,985 | 75,533 | 0.6 | 66,953 | 8,239 | 150 | 312 | 331 | 586 | 29,545 | 25,301 | 16.8 |
| Waukon | 3,983 | 3,883 | 2.6 | 3,961 | 0 | 1 | 3 | 18 | 12 | 1,654 | 1,369 | 20.8 |
| Waverly | 8,444 | 7,205 | 17.2 | 8,335 | 32 | 4 | 47 | 26 | 27 | 2,985 | 2,267 | 31.7 |
| Webster City | 8,572 | 8,488 | 1.0 | 8,503 | 2 | 8 | 33 | 26 | 47 | 3,433 | 3,073 | 11.7 |
| West Burlington | 3,371 | 3,139 | 7.4 | 3,333 | 26 | 1 | 8 | 3 | 12 | 1,466 | 1,045 | 40.3 |
| West Des Moines | 21,894 | 16,441 | 33.2 | 21,272 | 243 | 13 | 136 | 230 | 465 | 8,927 | 5,061 | 76.4 |
| West Liberty | 2,723 | 2,296 | 18.6 | 2,457 | 2 | 0 | 11 | 253 | 503 | 1,042 | 812 | 28.3 |
| West Union | 2,783 | 2,624 | 6.1 | 2,777 | 1 | 0 | 5 | 0 | 18 | 1,118 | 953 | 17.3 |
| Wilton | 2,502 | 1,873 | 33.6 | 2,486 | 0 | 2 | 2 | 12 | 18 | 963 | 670 | 43.7 |
| Windsor Heights | 5,632 | 6,303 | -10.6 | 5,544 | 26 | 7 | 37 | 18 | 35 | 2,267 | 2,040 | 11.1 |
| Winterset | 4,021 | 3,654 | 10.0 | 3,949 | 3 | 4 | 8 | 17 | 9 | 1,732 | 1,478 | 17.2 |

*Indicates no change in population from 1970-80.
Source: 1980 U.S. Census. Compiled by Research Division, Iowa Development Commission.

# provisional population projections for Iowa counties, 1985-2000[1]

| County | 1985 | 1990 | 1995 | 2000 |
|---|---|---|---|---|
| STATE | 2,836,889 | 2,901,852 | 2,955,795 | 3,004,894 |
| ADAIR | 9,492 | 9,613 | 9,686 | 9,771 |
| ADAMS | 5,004 | 4,981 | 4,956 | 4,973 |
| ALLAMAKEE | 15,026 | 15,352 | 15,655 | 15,967 |
| APPANOOSE | 15,358 | 15,546 | 15,731 | 15,969 |
| AUDUBON | 7,206 | 7,140 | 7,061 | 7,075 |
| BENTON | 24,350 | 25,131 | 25,802 | 26,320 |
| BLACK HAWK | 133,365 | 136,760 | 139,439 | 141,766 |
| BOONE | 25,741 | 25,916 | 25,983 | 26,020 |
| BREMER | 25,029 | 25,648 | 26,197 | 26,665 |
| BUCHANAN | 23,419 | 24,448 | 25,437 | 26,425 |
| BUENA VISTA | 20,289 | 20,573 | 20,704 | 20,772 |
| BUTLER | 18,011 | 18,265 | 18,444 | 18,602 |
| CALHOUN | 12,712 | 12,680 | 12,590 | 12,515 |
| CARROLL | 22,412 | 23,267 | 24,050 | 24,855 |
| CASS | 17,005 | 17,236 | 17,395 | 17,507 |
| CEDAR | 18,873 | 19,318 | 19,653 | 19,933 |
| CERRO CORDO | 45,684 | 46,025 | 46,091 | 46,056 |
| CHEROKEE | 14,318 | 14,287 | 14,194 | 14,228 |
| CHACKASAW | 15,374 | 15,955 | 16,527 | 17,043 |
| CLARKE | 8,063 | 8,144 | 8,234 | 8,325 |
| CLAY | 20,294 | 20,988 | 21,504 | 21,936 |
| CLAYTON | 21,191 | 21,676 | 22,118 | 22,575 |
| CLINTON | 54,861 | 56,050 | 57,070 | 58,022 |
| CRAWFORD | 17,606 | 17,945 | 18,239 | 18,580 |
| DALLAS | 29,008 | 29,669 | 30,225 | 30,691 |
| DAVIS | 8,929 | 9,120 | 9,309 | 9,515 |
| DECATUR | 9,720 | 9,788 | 9,876 | 9,997 |
| DELAWARE | 18,232 | 19,103 | 20,004 | 20,942 |
| DES MOINES | 43,245 | 43,820 | 44,187 | 44,500 |
| DICKINSON | 14,025 | 14,111 | 14,147 | 14,190 |
| DUBUQUE | 90,675 | 94,182 | 97,309 | 99,796 |
| EMMET | 11,734 | 11,830 | 11,940 | 12,134 |
| FAYETTE | 22,552 | 22,482 | 22,476 | 22,630 |
| FLOYD | 18,452 | 18,626 | 18,784 | 18,976 |
| FRANKLIN | 12,778 | 12,928 | 13,011 | 13,067 |
| FREMONT | 9,439 | 9,512 | 9,553 | 9,606 |
| GREENE | 11,429 | 11,461 | 11,458 | 11,507 |
| GRUNDY | 14,217 | 14,393 | 14,500 | 14,608 |
| GUTHRIE | 11,667 | 11,757 | 11,816 | 11,874 |
| HAMILTON | 16,636 | 16,674 | 15,645 | 16,673 |
| HANCOCK | 13,867 | 14,279 | 14,647 | 15,035 |
| HARDIN | 20,910 | 21,083 | 21,190 | 21,253 |
| HARRISON | 16,256 | 16,501 | 16,734 | 16,945 |
| HENRY | 19,058 | 19,303 | 19,463 | 19,589 |
| HOWARD | 10,681 | 10,904 | 11,122 | 11,348 |
| HUMBOLDT | 11,653 | 11,888 | 12,019 | 12,131 |
| IDA | 8,448 | 8,542 | 8,603 | 8,693 |
| IOWA | 15,132 | 15,382 | 15,542 | 15,661 |
| JACKSON | 23,125 | 24,083 | 24,995 | 25,767 |
| JASPER | 36,217 | 36,846 | 37,204 | 37,397 |
| JEFFERSON | 16,346 | 16,401 | 16,363 | 16,246 |
| JOHNSON | 83,098 | 85,133 | 86,814 | 88,759 |

# provisional population projections for Iowa counties, 1985-2000[1] (continued)

| County | 1985 | 1990 | 1995 | 2000 |
|---|---|---|---|---|
| JONES | 20,210 | 20,519 | 20,795 | 21,056 |
| KEOKUK | 11,717 | 11,676 | 11,650 | 11,731 |
| KOSSUTH | 19,576 | 19,831 | 20,048 | 20,436 |
| LEE | 42,306 | 43,147 | 43,810 | 44,375 |
| LINN | 164,641 | 170,121 | 174,227 | 176,713 |
| LOUISA | 11,909 | 12,228 | 12,534 | 12,827 |
| LUCAS | 10,288 | 10,412 | 10,507 | 10,589 |
| LYON | 11,536 | 11,685 | 11,777 | 12,024 |
| MADISON | 12,324 | 12,464 | 12,570 | 12,696 |
| MAHASKA | 23,042 | 23,281 | 23,483 | 23,716 |
| MARION | 28,943 | 29,410 | 29,724 | 29,933 |
| MARSHALL | 40,108 | 40,975 | 41,598 | 42,049 |
| MILLS | 13,322 | 14,726 | 14,112 | 14,471 |
| MITCHELL | 11,147 | 11,228 | 11,293 | 11,391 |
| MONONA | 11,289 | 11,284 | 11,247 | 11,256 |
| MONROE | 9,091 | 9,159 | 9,201 | 9,245 |
| MONTGOMERY | 13,298 | 13,438 | 13,523 | 13,623 |
| MUSCATINE | 41,939 | 43,694 | 45,288 | 46,715 |
| O'BRIEN | 15,935 | 16,129 | 16,218 | 16,334 |
| OSCEOLA | 7,942 | 8,070 | 8,178 | 8,295 |
| PAGE | 18,926 | 18,963 | 18,929 | 18,914 |
| PALO ALTO | 11,696 | 11,806 | 11,924 | 12,105 |
| PLYMOUTH | 24,043 | 24,697 | 25,265 | 25,859 |
| POCAHONTAS | 9,442 | 9,278 | 9,108 | 9,060 |
| POLK | 306,679 | 316,114 | 323,164 | 328,256 |
| POTTAWATTAMIE | 79,439 | 81,397 | 82,928 | 84,423 |
| POWESHIEK | 19,415 | 19,558 | 19,606 | 19,590 |
| RINGGOLD | 5,932 | 5,909 | 5,871 | 5,954 |
| SAC | 12,136 | 11,972 | 11,797 | 11,784 |
| SCOTT | 166,102 | 174,011 | 181,137 | 187,260 |
| SHELBY | 13,828 | 14,001 | 14,126 | 14,293 |
| SIOUX | 32,095 | 33,630 | 35,061 | 36,411 |
| STORY | 71,200 | 72,293 | 74,285 | 76,877 |
| TAMA | 18,379 | 18,480 | 18,572 | 18,736 |
| TAYLOR | 8,147 | 8,166 | 8,187 | 8,244 |
| UNION | 14,000 | 14,235 | 14,411 | 14,561 |
| VAN BUREN | 8,702 | 8,887 | 9,061 | 9,233 |
| WAPELLO | 37,163 | 37,102 | 36,761 | 36,627 |
| WARREN | 33,416 | 34,644 | 35,867 | 36,872 |
| WASHINGTON | 20,354 | 20,870 | 21,284 | 21,604 |
| WAYNE | 8,157 | 8,127 | 8,067 | 8,033 |
| WEBSTER | 40,329 | 40,707 | 40,894 | 41,044 |
| WINNEBAGO | 12,499 | 12,588 | 12,663 | 12,740 |
| WINNESHIEK | 20,954 | 21,233 | 21,529 | 21,831 |
| WOODBURY | 89,868 | 91,779 | 93,656 | 95,669 |
| WORTH | 9,168 | 9,267 | 9,307 | 9,308 |
| WRIGHT | 16,045 | 17,006 | 17,856 | 18,801 |

[1]Iowa provisional data only, official data available spring 1983.
Source: Iowa Office of Planning & Programming.

# population projections for Iowa, 1985-2000[1]

| Age Group | 1985 | 1990 | 1995 | 2000 |
|---|---|---|---|---|
| TOTAL | 2,836,889 | 2,901,852 | 2,955,795 | 3,004,894 |
| 0-4 | 208,325 | 209,541 | 204,676 | 199,983 |
| 5-9 | 217,704 | 209,845 | 211,077 | 206,209 |
| 10-14 | 207,296 | 216,698 | 208,871 | 210,118 |
| 15-19 | 211,734 | 204,045 | 213,308 | 205,582 |
| 20-24 | 230,054 | 205,696 | 198,203 | 207,170 |
| 25-29 | 233,252 | 227,255 | 203,139 | 195,739 |
| 30-34 | 228,969 | 234,043 | 227,976 | 203,713 |
| 35-39 | 197,015 | 226,222 | 231,224 | 225,239 |
| 40-44 | 157,427 | 194,604 | 223,441 | 228,437 |
| 45-49 | 137,721 | 154,985 | 191,612 | 220,036 |
| 50-54 | 130,553 | 134,783 | 151,704 | 187,642 |
| 55-59 | 135,549 | 126,209 | 130,335 | 146,784 |
| 60-64 | 132,493 | 127,844 | 119,182 | 123,176 |
| 65-69 | 120,916 | 121,299 | 117,136 | 109,444 |
| 70-74 | 101,888 | 107,056 | 107,415 | 103,827 |
| 75– | 185,993 | 201,727 | 216,496 | 231,795 |
| 0-14 | 633,325 | 636,084 | 624,624 | 616,310 |
| 0-64 | 2,428,092 | 2,471,770 | 2,514,748 | 2,559,828 |
| 15-49 | 1,396,172 | 1,446,850 | 1,488,903 | 1,485,916 |
| 15-64 | 1,794,767 | 1,835,686 | 1,890,124 | 1,943,518 |
| 65– | 408,797 | 430,082 | 441,047 | 445,066 |
| MALE | | | | |
| TOTAL | 1,394,959 | 1,427,143 | 1,454,417 | 1,481,622 |
| 0-4 | 107,539 | 106,939 | 104,464 | 102,074 |
| 5-9 | 111,481 | 108,190 | 107,593 | 105,100 |
| 10-14 | 104,841 | 110,666 | 107,385 | 106,805 |
| 15-19 | 106,030 | 102,383 | 108,086 | 104,878 |
| 20-24 | 117,130 | 102,125 | 98,595 | 104,077 |
| 25-29 | 121,685 | 116,730 | 101,772 | 98,239 |
| 30-34 | 119,669 | 123,850 | 118,807 | 103,573 |
| 35-39 | 100,904 | 118,116 | 122,228 | 117,248 |
| 40-44 | 79,203 | 99,548 | 116,512 | 120,598 |
| 45-49 | 68,560 | 77,759 | 97,761 | 114,440 |
| 50-54 | 63,550 | 66,813 | 75,804 | 95,337 |
| 55-59 | 66,939 | 61,110 | 64,276 | 72,982 |
| 60-64 | 63,314 | 62,010 | 56,670 | 59,695 |
| 65-69 | 54,561 | 55,997 | 54,926 | 50,303 |
| 70-74 | 43,792 | 45,116 | 46,364 | 45,569 |
| 75– | 65,761 | 69,791 | 73,174 | 80,704 |
| 0-14 | 323,861 | 325,795 | 319,442 | 313,979 |
| 0-64 | 1,230,845 | 1,256,239 | 1,279,953 | 1,305,046 |
| 15-49 | 713,181 | 740,511 | 763,761 | 763,053 |
| 15-64 | 906,984 | 930,444 | 960,511 | 991,067 |
| 65– | 164,114 | 170,904 | 174,464 | 176,576 |
| FEMALE | | | | |
| TOTAL | 1,441,930 | 1,474,709 | 1,501,378 | 1,523,272 |
| 0-4 | 100,786 | 102,602 | 100,212 | 97,909 |
| 5-9 | 106,223 | 101,655 | 103,484 | 101,109 |
| 10-14 | 102,455 | 106,032 | 101,486 | 103,313 |
| 15-19 | 105,704 | 101,662 | 105,222 | 100,704 |
| 20-24 | 112,924 | 103,571 | 99,608 | 103,093 |
| 25-29 | 111,567 | 110,525 | 101,367 | 97,500 |
| 30-34 | 109,300 | 110,193 | 109,169 | 100,140 |
| 35-39 | 96,111 | 108,106 | 108,996 | 107,991 |
| 40-44 | 78,224 | 95,056 | 106,929 | 107,839 |
| 45-49 | 69,161 | 77,226 | 93,851 | 105,596 |
| 50-54 | 67,003 | 67,970 | 75,900 | 92,305 |
| 55-59 | 68,610 | 65,099 | 66,059 | 73,802 |
| 60-64 | 69,179 | 65,834 | 62,512 | 63,481 |
| 65-69 | 66,355 | 65,302 | 62,210 | 59,141 |
| 70-74 | 58,096 | 61,940 | 61,051 | 58,258 |
| 75– | 120,232 | 131,936 | 143,322 | 151,091 |
| 0-14 | 309,464 | 310,289 | 305,182 | 302,331 |
| 0-64 | 1,197,247 | 1,215,531 | 1,234,795 | 1,254,782 |
| 15-49 | 682,991 | 706,339 | 725,142 | 722,863 |
| 15-64 | 887,783 | 905,242 | 929,613 | 952,451 |
| 65– | 244,683 | 259,178 | 266,583 | 268,490 |

[1]Provisional data only, official data available spring, 1983.
Source: Iowa Office for Planning and Programming.

# income by households and families, Iowa counties, 1979

**State of IOWA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 42045 | 19573 |
| $2,500 TO $4,999 | 88227 | 26948 |
| $5,000 TO $7,499 | 86310 | 44301 |
| $7,500 TO $9,999 | 81702 | 48777 |
| $10,000 TO $12,499 | 88627 | 58528 |
| $12,500 TO $14,999 | 78431 | 57602 |
| $15,000 TO $17,499 | 84580 | 66298 |
| $17,500 TO $19,999 | 75594 | 62927 |
| $20,000 TO $22,499 | 79300 | 68525 |
| $22,500 TO $24,999 | 63112 | 56538 |
| $25,000 TO $27,499 | 57852 | 52483 |
| $27,500 TO $29,999 | 42980 | 39423 |
| $30,000 TO $34,999 | 65772 | 61050 |
| $35,000 TO $39,999 | 40018 | 37477 |
| $40,000 TO $49,999 | 39204 | 36484 |
| $50,000 TO $74,999 | 27379 | 25381 |
| $75,000 OR MORE | 11974 | 10996 |
| MEDIAN | $ 16809 | $ 20062 |
| MEAN | $ 19555 | $ 22545 |

**ADAIR**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 257 | 174 |
| $2,500 TO $4,999 | 378 | 150 |
| $5,000 TO $4,999 | 369 | 227 |
| $7,500 TO $9,999 | 404 | 257 |
| $10,000 TO $12,499 | 390 | 290 |
| $12,500 TO $14,999 | 328 | 285 |
| $15,000 TO $17,499 | 308 | 269 |
| $17,500 TO $19,999 | 209 | 183 |
| $20,000 TO $22,499 | 182 | 156 |
| $22,500 TO $24,999 | 161 | 140 |
| $25,000 TO $27,499 | 116 | 109 |
| $27,500 TO $29,999 | 102 | 96 |
| $30,000 TO $34,999 | 119 | 107 |
| $35,000 TO $39,999 | 80 | 78 |
| $40,000 TO $49,999 | 116 | 103 |
| $50,000 TO $74,999 | 65 | 61 |
| $75,000 OR MORE | 19 | 19 |
| MEDIAN | $ 12527 | $ 14737 |
| MEAN | $ 15423 | $ 17399 |

**ADAMS**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 121 | 67 |
| $2,500 TO $4,999 | 260 | 101 |
| $5,000 TO $4,999 | 227 | 143 |
| $7,500 TO $9,999 | 220 | 173 |
| $10,000 TO $12,499 | 250 | 200 |
| $12,500 TO $14,999 | 189 | 150 |
| $15,000 TO $17,499 | 173 | 166 |
| $17,500 TO $19,999 | 164 | 152 |
| $20,000 TO $22,499 | 180 | 157 |
| $22,500 TO $24,999 | 112 | 93 |
| $25,000 TO $27,499 | 85 | 70 |
| $27,500 TO $29,999 | 40 | 38 |
| $30,000 TO $34,999 | 97 | 93 |
| $35,000 TO $39,999 | 19 | 19 |
| $40,000 TO $49,999 | 34 | 34 |
| $50,000 TO $74,999 | 27 | 27 |
| $75,000 OR MORE | 10 | 6 |
| MEDIAN | $ 12844 | $ 15158 |
| MEAN | $ 14931 | $ 16661 |

**ALLAMAKEE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 242 | 122 |
| $2,500 TO $4,999 | 563 | 212 |
| $5,000 TO $4,999 | 700 | 394 |
| $7,500 TO $9,999 | 526 | 378 |
| $10,000 TO $12,499 | 470 | 367 |
| $12,500 TO $14,999 | 410 | 348 |
| $15,000 TO $17,499 | 494 | 437 |
| $17,500 TO $19,999 | 410 | 379 |
| $20,000 TO $22,499 | 345 | 313 |
| $22,500 TO $24,999 | 213 | 201 |
| $25,000 TO $27,499 | 162 | 145 |
| $27,500 TO $29,999 | 126 | 121 |
| $30,000 TO $34,999 | 244 | 246 |
| $35,000 TO $39,999 | 128 | 126 |
| $40,000 TO $49,999 | 80 | 72 |
| $50,000 TO $74,999 | 72 | 70 |
| $75,000 OR MORE | 13 | 13 |
| MEDIAN | $ 13098 | $ 15864 |
| MEAN | $ 15281 | $ 17592 |

**APPANOOSE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 285 | 144 |
| $2,500 TO $4,999 | 914 | 320 |
| $5,000 TO $4,999 | 776 | 514 |
| $7,500 TO $9,999 | 706 | 488 |
| $10,000 TO $12,499 | 598 | 450 |
| $12,500 TO $14,999 | 457 | 378 |
| $15,000 TO $17,499 | 370 | 327 |
| $17,500 TO $19,999 | 435 | 375 |
| $20,000 TO $22,499 | 371 | 342 |
| $22,500 TO $24,999 | 269 | 265 |
| $25,000 TO $27,499 | 276 | 266 |
| $27,500 TO $29,999 | 135 | 126 |
| $30,000 TO $34,999 | 175 | 155 |
| $35,000 TO $39,999 | 97 | 94 |
| $40,000 TO $49,999 | 63 | 63 |
| $50,000 TO $74,999 | 61 | 55 |
| $75,000 OR MORE | 21 | 21 |
| MEDIAN | $ 11352 | $ 14322 |
| MEAN | $ 14046 | $ 16352 |

**AUDUBON**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 145 | 83 |
| $2,500 TO $4,999 | 260 | 61 |
| $5,000 TO $4,999 | 387 | 182 |
| $7,500 TO $9,999 | 297 | 214 |
| $10,000 TO $12,499 | 344 | 318 |
| $12,500 TO $14,999 | 361 | 300 |
| $15,000 TO $17,499 | 312 | 275 |
| $17,500 TO $19,999 | 235 | 193 |
| $20,000 TO $22,499 | 164 | 149 |
| $22,500 TO $24,999 | 141 | 121 |
| $25,000 TO $27,499 | 148 | 135 |
| $27,500 TO $29,999 | 83 | 70 |
| $30,000 TO $34,999 | 82 | 82 |
| $35,000 TO $39,999 | 46 | 41 |
| $40,000 TO $49,999 | 92 | 82 |
| $50,000 TO $74,999 | 114 | 97 |
| $75,000 OR MORE | 8 | 8 |
| MEDIAN | $ 13722 | $ 15432 |
| MEAN | $ 16308 | $ 18318 |

**BENTON**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 416 | 237 |
| $2,500 TO $4,999 | 699 | 236 |
| $5,000 TO $4,999 | 717 | 376 |
| $7,500 TO $9,999 | 689 | 417 |
| $10,000 TO $12,499 | 645 | 415 |
| $12,500 TO $14,999 | 574 | 455 |
| $15,000 TO $17,499 | 755 | 563 |
| $17,500 TO $19,999 | 584 | 508 |
| $20,000 TO $22,499 | 725 | 655 |
| $22,500 TO $24,999 | 522 | 483 |
| $25,000 TO $27,499 | 505 | 480 |
| $27,500 TO $29,999 | 302 | 291 |
| $30,000 TO $34,999 | 508 | 482 |
| $35,000 TO $39,999 | 364 | 354 |
| $40,000 TO $49,999 | 264 | 251 |
| $50,000 TO $74,999 | 170 | 159 |
| $75,000 OR MORE | 93 | 83 |
| MEDIAN | $ 16742 | $ 20059 |
| MEAN | $ 18987 | $ 21766 |

**BLACK HAWK**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1365 | 644 |
| $2,500 TO $4,999 | 3533 | 1230 |
| $5,000 TO $4,999 | 3219 | 1530 |
| $7,500 TO $9,999 | 3281 | 1885 |
| $10,000 TO $12,499 | 3335 | 2067 |
| $12,500 TO $14,999 | 3030 | 1978 |
| $15,000 TO $17,499 | 3522 | 2526 |
| $17,500 TO $19,999 | 3526 | 2842 |
| $20,000 TO $22,499 | 3998 | 3322 |
| $22,500 TO $24,999 | 3243 | 2782 |
| $25,000 TO $27,499 | 3057 | 2767 |
| $27,500 TO $29,999 | 2334 | 2125 |
| $30,000 TO $34,999 | 3919 | 3565 |
| $35,000 TO $39,999 | 2422 | 2238 |
| $40,000 TO $49,999 | 2317 | 2082 |
| $50,000 TO $74,999 | 1483 | 1374 |
| $75,000 OR MORE | 610 | 585 |
| MEDIAN | $ 19494 | $ 22310 |
| MEAN | $ 21755 | $ 24796 |

**BOONE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 334 | 115 |
| $2,500 TO $4,999 | 849 | 248 |
| $5,000 TO $4,999 | 877 | 435 |
| $7,500 TO $9,999 | 747 | 404 |
| $10,000 TO $12,499 | 860 | 558 |
| $12,500 TO $14,999 | 798 | 649 |
| $15,000 TO $17,499 | 714 | 581 |
| $17,500 TO $19,999 | 693 | 605 |
| $20,000 TO $22,499 | 748 | 647 |
| $22,500 TO $24,999 | 603 | 548 |
| $25,000 TO $27,499 | 533 | 487 |
| $27,500 TO $29,999 | 433 | 393 |
| $30,000 TO $34,999 | 621 | 580 |
| $35,000 TO $39,999 | 326 | 302 |
| $40,000 TO $49,999 | 333 | 303 |
| $50,000 TO $74,999 | 242 | 238 |
| $75,000 OR MORE | 59 | 53 |
| MEDIAN | $ 16471 | $ 19909 |
| MEAN | $ 18841 | $ 21930 |

**BREMER**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 262 | 152 |
| $2,500 TO $4,999 | 668 | 209 |
| $5,000 TO $4,999 | 651 | 369 |
| $7,500 TO $9,999 | 659 | 371 |
| $10,000 TO $12,499 | 650 | 419 |
| $12,500 TO $14,999 | 543 | 421 |
| $15,000 TO $17,499 | 623 | 511 |
| $17,500 TO $19,999 | 656 | 587 |
| $20,000 TO $22,499 | 746 | 676 |
| $22,500 TO $24,999 | 574 | 550 |
| $25,000 TO $27,499 | 495 | 477 |
| $27,500 TO $29,999 | 396 | 388 |
| $30,000 TO $34,999 | 533 | 520 |
| $35,000 TO $39,999 | 267 | 260 |
| $40,000 TO $49,999 | 377 | 371 |
| $50,000 TO $74,999 | 212 | 207 |
| $75,000 OR MORE | 116 | 105 |
| MEDIAN | $ 18102 | $ 20952 |
| MEAN | $ 20245 | $ 23112 |

**BUCHANAN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 323 | 175 |
| $2,500 TO $4,999 | 673 | 253 |
| $5,000 TO $4,999 | 773 | 444 |
| $7,500 TO $9,999 | 600 | 369 |
| $10,000 TO $12,499 | 619 | 454 |
| $12,500 TO $14,999 | 618 | 510 |
| $15,000 TO $17,499 | 558 | 473 |
| $17,500 TO $19,999 | 488 | 416 |
| $20,000 TO $22,499 | 623 | 534 |
| $22,500 TO $24,999 | 510 | 484 |
| $25,000 TO $27,499 | 455 | 442 |
| $27,500 TO $29,999 | 289 | 283 |
| $30,000 TO $34,999 | 423 | 428 |
| $35,000 TO $39,999 | 253 | 233 |
| $40,000 TO $49,999 | 230 | 223 |
| $50,000 TO $74,999 | 195 | 188 |
| $75,000 OR MORE | 58 | 58 |
| MEDIAN | $ 16066 | $ 19336 |
| MEAN | $ 18409 | $ 21047 |

**BUENA VISTA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 284 | 145 |
| $2,500 TO $4,999 | 669 | 139 |
| $5,000 TO $4,999 | 624 | 350 |
| $7,500 TO $9,999 | 614 | 356 |
| $10,000 TO $12,499 | 754 | 561 |
| $12,500 TO $14,999 | 604 | 455 |
| $15,000 TO $17,499 | 576 | 449 |
| $17,500 TO $19,999 | 532 | 428 |
| $20,000 TO $22,499 | 618 | 548 |
| $22,500 TO $24,999 | 449 | 396 |
| $25,000 TO $27,499 | 314 | 288 |
| $27,500 TO $29,999 | 295 | 267 |
| $30,000 TO $34,999 | 425 | 392 |
| $35,000 TO $39,999 | 267 | 250 |
| $40,000 TO $49,999 | 279 | 266 |
| $50,000 TO $74,999 | 257 | 248 |
| $75,000 OR MORE | 100 | 95 |
| MEDIAN | $ 16222 | $ 19612 |
| MEAN | $ 19682 | $ 22886 |

**BUTLER**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 299 | 178 |
| $2,500 TO $4,999 | 612 | 180 |
| $5,000 TO $4,999 | 520 | 286 |
| $7,500 TO $9,999 | 541 | 401 |
| $10,000 TO $12,499 | 486 | 374 |
| $12,500 TO $14,999 | 553 | 446 |
| $15,000 TO $17,499 | 525 | 460 |
| $17,500 TO $19,999 | 522 | 483 |
| $20,000 TO $22,499 | 521 | 484 |
| $22,500 TO $24,999 | 396 | 385 |
| $25,000 TO $27,499 | 301 | 284 |
| $27,500 TO $29,999 | 223 | 223 |
| $30,000 TO $34,999 | 311 | 290 |
| $35,000 TO $39,999 | 144 | 144 |
| $40,000 TO $49,999 | 153 | 143 |
| $50,000 TO $74,999 | 143 | 135 |
| $75,000 OR MORE | 65 | 63 |
| MEDIAN | $ 15698 | $ 18300 |
| MEAN | $ 17708 | $ 20157 |

**CALHOUN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 247 | 123 |
| $2,500 TO $4,999 | 465 | 136 |
| $5,000 TO $4,999 | 517 | 306 |
| $7,500 TO $9,999 | 459 | 305 |
| $10,000 TO $12,499 | 408 | 283 |
| $12,500 TO $14,999 | 443 | 326 |
| $15,000 TO $17,499 | 452 | 380 |
| $17,500 TO $19,999 | 413 | 370 |
| $20,000 TO $22,499 | 274 | 256 |
| $22,500 TO $24,999 | 245 | 227 |
| $25,000 TO $27,499 | 216 | 199 |
| $27,500 TO $29,999 | 154 | 135 |
| $30,000 TO $34,999 | 293 | 265 |
| $35,000 TO $39,999 | 126 | 117 |
| $40,000 TO $49,999 | 185 | 161 |
| $50,000 TO $74,999 | 140 | 133 |
| $75,000 OR MORE | 54 | 47 |
| MEDIAN | $ 15036 | $ 17672 |
| MEAN | $ 18074 | $ 20672 |

**CARROLL**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 292 | 154 |
| $2,500 TO $4,999 | 585 | 171 |
| $5,000 TO $4,999 | 686 | 334 |
| $7,500 TO $9,999 | 615 | 389 |
| $10,000 TO $12,499 | 835 | 527 |
| $12,500 TO $14,999 | 622 | 468 |
| $15,000 TO $17,499 | 707 | 546 |
| $17,500 TO $19,999 | 607 | 504 |
| $20,000 TO $22,499 | 549 | 463 |
| $22,500 TO $24,999 | 480 | 470 |
| $25,000 TO $27,499 | 382 | 349 |
| $27,500 TO $29,999 | 324 | 299 |
| $30,000 TO $34,999 | 379 | 345 |
| $35,000 TO $39,999 | 280 | 249 |
| $40,000 TO $49,999 | 211 | 186 |
| $50,000 TO $74,999 | 226 | 215 |
| $75,000 OR MORE | 117 | 111 |
| MEDIAN | $ 16109 | $ 18993 |
| MEAN | $ 19219 | $ 22119 |

**CASS**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 330 | 149 |
| $2,500 TO $4,999 | 703 | 170 |
| $5,000 TO $4,999 | 662 | 377 |
| $7,500 TO $9,999 | 515 | 316 |
| $10,000 TO $12,499 | 707 | 489 |
| $12,500 TO $14,999 | 576 | 489 |
| $15,000 TO $17,499 | 522 | 446 |
| $17,500 TO $19,999 | 480 | 408 |
| $20,000 TO $22,499 | 456 | 392 |
| $22,500 TO $24,999 | 307 | 294 |
| $25,000 TO $27,499 | 333 | 297 |
| $27,500 TO $29,999 | 227 | 225 |
| $30,000 TO $34,999 | 273 | 261 |
| $35,000 TO $39,999 | 141 | 135 |
| $40,000 TO $49,999 | 170 | 164 |
| $50,000 TO $74,999 | 121 | 119 |
| $75,000 OR MORE | 65 | 65 |
| MEDIAN | $ 14136 | $ 17287 |
| MEAN | $ 16941 | $ 20029 |

# Income by households and families, Iowa counties, 1979 (continued)

### EDAR

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 260 | 143 |
| $2,500 TO $4,999 | 590 | 201 |
| $5,000 TO $4,999 | 505 | 265 |
| $7,500 TO $9,999 | 513 | 334 |
| $10,000 TO $12,499 | 567 | 359 |
| $12,500 TO $14,999 | 487 | 336 |
| $15,000 TO $17,499 | 487 | 409 |
| $17,500 TO $19,999 | 476 | 405 |
| $20,000 TO $22,499 | 629 | 571 |
| $22,500 TO $24,999 | 402 | 373 |
| $25,000 TO $27,499 | 349 | 325 |
| $27,500 TO $29,999 | 281 | 271 |
| $30,000 TO $34,999 | 392 | 378 |
| $35,000 TO $39,999 | 287 | 277 |
| $40,000 TO $49,999 | 244 | 230 |
| $50,000 TO $74,999 | 231 | 226 |
| $75,000 OR MORE | 37 | 36 |
| MEDIAN | $ 17292 | $ 20514 |
| MEAN | $ 19274 | $ 22134 |

### CERRO GORDO

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 623 | 181 |
| $2,500 TO $4,999 | 1627 | 408 |
| $5,000 TO $4,999 | 1672 | 705 |
| $7,500 TO $9,999 | 1684 | 907 |
| $10,000 TO $12,499 | 1481 | 915 |
| $12,500 TO $14,999 | 1422 | 1045 |
| $15,000 TO $17,499 | 1455 | 1191 |
| $17,500 TO $19,999 | 1418 | 1160 |
| $20,000 TO $22,499 | 1516 | 1298 |
| $22,500 TO $24,999 | 1189 | 1087 |
| $25,000 TO $27,499 | 1135 | 1037 |
| $27,500 TO $29,999 | 678 | 617 |
| $30,000 TO $34,999 | 935 | 903 |
| $35,000 TO $39,999 | 616 | 576 |
| $40,000 TO $49,999 | 566 | 539 |
| $50,000 TO $74,999 | 484 | 437 |
| $75,000 OR MORE | 197 | 173 |
| MEDIAN | $ 16443 | $ 20149 |
| MEAN | $ 18917 | $ 22439 |

### CHEROKEE

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 290 | 157 |
| $2,500 TO $4,999 | 511 | 124 |
| $5,000 TO $4,999 | 563 | 283 |
| $7,500 TO $9,999 | 436 | 243 |
| $10,000 TO $12,499 | 583 | 373 |
| $12,500 TO $14,999 | 518 | 382 |
| $15,000 TO $17,499 | 425 | 370 |
| $17,500 TO $19,999 | 449 | 386 |
| $20,000 TO $22,499 | 325 | 308 |
| $22,500 TO $24,999 | 427 | 393 |
| $25,000 TO $27,499 | 240 | 207 |
| $27,500 TO $29,999 | 191 | 181 |
| $30,000 TO $34,999 | 334 | 297 |
| $35,000 TO $39,999 | 181 | 171 |
| $40,000 TO $49,999 | 237 | 223 |
| $50,000 TO $74,999 | 227 | 210 |
| $75,000 OR MORE | 72 | 72 |
| MEDIAN | $ 15609 | $ 19171 |
| MEAN | $ 19169 | $ 22455 |

### CHICKASAW

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 279 | 154 |
| $2,500 TO $4,999 | 509 | 169 |
| $5,000 TO $4,999 | 456 | 227 |
| $7,500 TO $9,999 | 439 | 311 |
| $10,000 TO $12,499 | 423 | 307 |
| $12,500 TO $14,999 | 481 | 371 |
| $15,000 TO $17,499 | 478 | 375 |
| $17,500 TO $19,999 | 407 | 382 |
| $20,000 TO $22,499 | 406 | 373 |
| $22,500 TO $24,999 | 362 | 342 |
| $25,000 TO $27,499 | 206 | 204 |
| $27,500 TO $29,999 | 183 | 169 |
| $30,000 TO $34,999 | 299 | 294 |
| $35,000 TO $39,999 | 126 | 104 |
| $40,000 TO $49,999 | 200 | 183 |
| $50,000 TO $74,999 | 105 | 103 |
| $75,000 OR MORE | 22 | 18 |
| MEDIAN | $ 15541 | $ 18344 |
| MEAN | $ 17476 | $ 19941 |

### CLARKE

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 232 | 104 |
| $2,500 TO $4,999 | 409 | 136 |
| $5,000 TO $4,999 | 414 | 295 |
| $7,500 TO $9,999 | 344 | 231 |
| $10,000 TO $12,499 | 336 | 238 |
| $12,500 TO $14,999 | 286 | 258 |
| $15,000 TO $17,499 | 267 | 233 |
| $17,500 TO $19,999 | 227 | 216 |
| $20,000 TO $22,499 | 244 | 217 |
| $22,500 TO $24,999 | 149 | 1147 |
| $25,000 TO $27,499 | 75 | 60 |
| $27,500 TO $29,999 | 68 | 68 |
| $30,000 TO $34,999 | 96 | 96 |
| $35,000 TO $39,999 | 115 | 115 |
| $40,000 TO $49,999 | 55 | 55 |
| $50,000 TO $74,999 | 61 | 40 |
| $75,000 OR MORE | 0 | 0 |
| MEDIAN | $ 12158 | $ 14927 |
| MEAN | $ 14567 | $ 16608 |

### CLAY

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 305 | 145 |
| $2,500 TO $4,999 | 395 | 218 |
| $5,000 TO $4,999 | 569 | 308 |
| $7,500 TO $9,999 | 499 | 305 |
| $10,000 TO $12,499 | 673 | 421 |
| $12,500 TO $14,999 | 652 | 513 |
| $15,000 TO $17,499 | 572 | 436 |
| $17,500 TO $19,999 | 517 | 431 |
| $20,000 TO $22,499 | 505 | 446 |
| $22,500 TO $24,999 | 368 | 328 |
| $25,000 TO $27,499 | 388 | 333 |
| $27,500 TO $29,999 | 252 | 239 |
| $30,000 TO $34,999 | 492 | 448 |
| $35,000 TO $39,999 | 196 | 176 |
| $40,000 TO $49,999 | 277 | 258 |
| $50,000 TO $74,999 | 312 | 301 |
| $75,000 OR MORE | 206 | 145 |
| MEDIAN | $ 16731 | $ 19701 |
| MEAN | $ 21208 | $ 23717 |

### CLAYTON

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 449 | 245 |
| $2,500 TO $4,999 | 804 | 265 |
| $5,000 TO $4,999 | 763 | 448 |
| $7,500 TO $9,999 | 735 | 509 |
| $10,000 TO $12,499 | 773 | 580 |
| $12,500 TO $14,999 | 554 | 457 |
| $15,000 TO $17,499 | 609 | 546 |
| $17,500 TO $19,999 | 564 | 515 |
| $20,000 TO $22,499 | 459 | 431 |
| $22,500 TO $24,999 | 343 | 333 |
| $25,000 TO $27,499 | 345 | 331 |
| $27,500 TO $29,999 | 151 | 145 |
| $30,000 TO $34,999 | 325 | 316 |
| $35,000 TO $39,999 | 154 | 139 |
| $40,000 TO $49,999 | 202 | 174 |
| $50,000 TO $74,999 | 121 | 119 |
| $75,000 OR MORE | 136 | 136 |
| MEDIAN | $ 13491 | $ 16559 |
| MEAN | $ 17048 | $ 19788 |

### CLINTON

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 621 | 279 |
| $2,500 TO $4,999 | 1440 | 418 |
| $5,000 TO $4,999 | 1530 | 788 |
| $7,500 TO $9,999 | 1441 | 872 |
| $10,000 TO $12,499 | 1523 | 1017 |
| $12,500 TO $14,999 | 1299 | 872 |
| $15,000 TO $17,499 | 1615 | 1268 |
| $17,500 TO $19,999 | 1686 | 1391 |
| $20,000 TO $22,499 | 1760 | 1561 |
| $22,500 TO $24,999 | 1258 | 1144 |
| $25,000 TO $27,499 | 1323 | 1199 |
| $27,500 TO $29,999 | 1032 | 972 |
| $30,000 TO $34,999 | 1597 | 1508 |
| $35,000 TO $39,999 | 891 | 858 |
| $40,000 TO $49,999 | 743 | 695 |
| $50,000 TO $74,999 | 412 | 388 |
| $75,000 OR MORE | 137 | 137 |
| MEDIAN | $ 18516 | $ 21247 |
| MEAN | $ 20049 | $ 22858 |

### CRAWFORD

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 324 | 191 |
| $2,500 TO $4,999 | 703 | 256 |
| $5,000 TO $4,999 | 555 | 354 |
| $7,500 TO $9,999 | 498 | 349 |
| $10,000 TO $12,499 | 649 | 457 |
| $12,500 TO $14,999 | 494 | 392 |
| $15,000 TO $17,499 | 549 | 456 |
| $17,500 TO $19,999 | 432 | 332 |
| $20,000 TO $22,499 | 521 | 475 |
| $22,500 TO $24,999 | 354 | 311 |
| $25,000 TO $27,499 | 377 | 369 |
| $27,500 TO $29,999 | 292 | 272 |
| $30,000 TO $34,999 | 395 | 372 |
| $35,000 TO $39,999 | 188 | 165 |
| $40,000 TO $49,999 | 178 | 177 |
| $50,000 TO $74,999 | 168 | 161 |
| $75,000 OR MORE | 47 | 47 |
| MEDIAN | $ 15633 | $ 18351 |
| MEAN | $ 17987 | $ 20406 |

### DALLAS

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 344 | 168 |
| $2,500 TO $4,999 | 715 | 208 |
| $5,000 TO $4,999 | 741 | 364 |
| $7,500 TO $9,999 | 782 | 404 |
| $10,000 TO $12,499 | 886 | 620 |
| $12,500 TO $14,999 | 736 | 573 |
| $15,000 TO $17,499 | 750 | 619 |
| $17,500 TO $19,999 | 861 | 718 |
| $20,000 TO $22,499 | 848 | 749 |
| $22,500 TO $24,999 | 691 | 628 |
| $25,000 TO $27,499 | 690 | 626 |
| $27,500 TO $29,999 | 551 | 511 |
| $30,000 TO $34,999 | 845 | 786 |
| $35,000 TO $39,999 | 413 | 394 |
| $40,000 TO $49,999 | 448 | 425 |
| $50,000 TO $74,999 | 305 | 280 |
| $75,000 OR MORE | 102 | 95 |
| MEDIAN | $ 18661 | $ 21368 |
| MEAN | $ 20573 | $ 23336 |

### DAVIS

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 277 | 199 |
| $2,500 TO $4,999 | 405 | 142 |
| $5,000 TO $4,999 | 323 | 200 |
| $7,500 TO $9,999 | 344 | 279 |
| $10,000 TO $12,499 | 246 | 161 |
| $12,500 TO $14,999 | 233 | 193 |
| $15,000 TO $17,499 | 312 | 295 |
| $17,500 TO $19,999 | 241 | 219 |
| $20,000 TO $22,499 | 203 | 186 |
| $22,500 TO $24,999 | 111 | 97 |
| $25,000 TO $27,499 | 147 | 147 |
| $27,500 TO $29,999 | 76 | 76 |
| $30,000 TO $34,999 | 104 | 101 |
| $35,000 TO $39,999 | 86 | 71 |
| $40,000 TO $49,999 | 59 | 54 |
| $50,000 TO $74,999 | 78 | 78 |
| $75,000 OR MORE | 41 | 41 |
| MEDIAN | $ 13015 | $ 15809 |
| MEAN | $ 16001 | $ 18312 |

### DECATUR

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 213 | 91 |
| $2,500 TO $4,999 | 554 | 175 |
| $5,000 TO $4,999 | 470 | 329 |
| $7,500 TO $9,999 | 356 | 275 |
| $10,000 TO $12,499 | 369 | 299 |
| $12,500 TO $14,999 | 231 | 193 |
| $15,000 TO $17,499 | 301 | 265 |
| $17,500 TO $19,999 | 234 | 221 |
| $20,000 TO $22,499 | 157 | 157 |
| $22,500 TO $24,999 | 153 | 147 |
| $25,000 TO $27,499 | 145 | 137 |
| $27,500 TO $29,999 | 96 | 84 |
| $30,000 TO $34,999 | 68 | 68 |
| $35,000 TO $39,999 | 63 | 53 |
| $40,000 TO $49,999 | 70 | 70 |
| $50,000 TO $74,999 | 23 | 23 |
| $75,000 OR MORE | 0 | 0 |
| MEDIAN | $ 11074 | $ 14113 |
| MEAN | $ 13346 | $ 15599 |

### DELAWARE

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 365 | 212 |
| $2,500 TO $4,999 | 542 | 164 |
| $5,000 TO $4,999 | 512 | 295 |
| $7,500 TO $9,999 | 466 | 327 |
| $10,000 TO $12,499 | 618 | 457 |
| $12,500 TO $14,999 | 387 | 303 |
| $15,000 TO $17,499 | 521 | 447 |
| $17,500 TO $19,999 | 510 | 453 |
| $20,000 TO $22,499 | 517 | 475 |
| $22,500 TO $24,999 | 291 | 273 |
| $25,000 TO $27,499 | 304 | 293 |
| $27,500 TO $29,999 | 270 | 256 |
| $30,000 TO $34,999 | 317 | 305 |
| $35,000 TO $39,999 | 211 | 181 |
| $40,000 TO $49,999 | 157 | 153 |
| $50,000 TO $74,999 | 169 | 161 |
| $75,000 OR MORE | 36 | 34 |
| MEDIAN | $ 15991 | $ 18546 |
| MEAN | $ 18053 | $ 20555 |

### DES MOINES

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 566 | 199 |
| $2,500 TO $4,999 | 1528 | 474 |
| $5,000 TO $4,999 | 1333 | 677 |
| $7,500 TO $9,999 | 1208 | 667 |
| $10,000 TO $12,499 | 1364 | 960 |
| $12,500 TO $14,999 | 1402 | 966 |
| $15,000 TO $17,499 | 1376 | 1054 |
| $17,500 TO $19,999 | 1099 | 854 |
| $20,000 TO $22,499 | 1350 | 1131 |
| $22,500 TO $24,999 | 1148 | 1008 |
| $25,000 TO $27,499 | 1010 | 919 |
| $27,500 TO $29,999 | 767 | 688 |
| $30,000 TO $34,999 | 1222 | 1177 |
| $35,000 TO $39,999 | 749 | 690 |
| $40,000 TO $49,999 | 659 | 619 |
| $50,000 TO $74,999 | 308 | 303 |
| $75,000 OR MORE | 192 | 174 |
| MEDIAN | $ 17252 | $ 20948 |
| MEAN | $ 19868 | $ 23076 |

### DICKINSON

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 218 | 77 |
| $2,500 TO $4,999 | 443 | 133 |
| $5,000 TO $4,999 | 516 | 271 |
| $7,500 TO $9,999 | 522 | 325 |
| $10,000 TO $12,499 | 567 | 408 |
| $12,500 TO $14,999 | 550 | 430 |
| $15,000 TO $17,499 | 488 | 421 |
| $17,500 TO $19,999 | 568 | 462 |
| $20,000 TO $22,499 | 487 | 445 |
| $22,500 TO $24,999 | 269 | 244 |
| $25,000 TO $27,499 | 267 | 254 |
| $27,500 TO $29,999 | 216 | 200 |
| $30,000 TO $34,999 | 312 | 273 |
| $35,000 TO $39,999 | 191 | 181 |
| $40,000 TO $49,999 | 173 | 154 |
| $50,000 TO $74,999 | 162 | 129 |
| $75,000 OR MORE | 86 | 82 |
| MEDIAN | $ 16032 | $ 18471 |
| MEAN | $ 19024 | $ 21560 |

### DUBUQUE

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1054 | 446 |
| $2,500 TO $4,999 | 2179 | 586 |
| $5,000 TO $4,999 | 2040 | 979 |
| $7,500 TO $9,999 | 2166 | 1199 |
| $10,000 TO $12,499 | 2028 | 1360 |
| $12,500 TO $14,999 | 1952 | 1334 |
| $15,000 TO $17,499 | 1974 | 1565 |
| $17,500 TO $19,999 | 2132 | 1814 |
| $20,000 TO $22,499 | 2344 | 2048 |
| $22,500 TO $24,999 | 2205 | 1963 |
| $25,000 TO $27,499 | 1962 | 1807 |
| $27,500 TO $29,999 | 1482 | 1374 |
| $30,000 TO $34,999 | 2480 | 2358 |
| $35,000 TO $39,999 | 1393 | 1285 |
| $40,000 TO $49,999 | 1276 | 1226 |
| $50,000 TO $74,999 | 869 | 825 |
| $75,000 OR MORE | 484 | 467 |
| MEDIAN | $ 19396 | $ 22484 |
| MEAN | $ 21710 | $ 25122 |

# income by households and families, Iowa counties, 1979 (continued)

**EMMET**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 168 | 61 |
| $2,500 TO $4,999 | 488 | 159 |
| $5,000 TO $4,999 | 384 | 229 |
| $7,500 TO $9,999 | 366 | 194 |
| $10,000 TO $12,499 | 478 | 322 |
| $12,500 TO $14,999 | 328 | 260 |
| $15,000 TO $17,499 | 369 | 328 |
| $17,500 TO $19,999 | 332 | 286 |
| $20,000 TO $22,499 | 491 | 425 |
| $22,500 TO $24,999 | 265 | 250 |
| $25,000 TO $27,499 | 237 | 228 |
| $27,500 TO $29,999 | 175 | 146 |
| $30,000 TO $34,999 | 286 | 269 |
| $35,000 TO $39,999 | 137 | 123 |
| $40,000 TO $49,999 | 130 | 121 |
| $50,000 TO $74,999 | 115 | 109 |
| $75,000 OR MORE | 70 | 64 |
| MEDIAN | $ 16338 | $ 19545 |
| MEAN | $ 18760 | $ 21652 |

**FAYETTE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 468 | 146 |
| $2,500 TO $4,999 | 897 | 295 |
| $5,000 TO $4,999 | 881 | 499 |
| $7,500 TO $9,999 | 739 | 499 |
| $10,000 TO $12,499 | 950 | 703 |
| $12,500 TO $14,999 | 676 | 530 |
| $15,000 TO $17,499 | 821 | 740 |
| $17,500 TO $19,999 | 612 | 551 |
| $20,000 TO $22,499 | 633 | 585 |
| $22,500 TO $24,999 | 438 | 425 |
| $25,000 TO $27,499 | 455 | 408 |
| $27,500 TO $29,999 | 320 | 303 |
| $30,000 TO $34,999 | 466 | 442 |
| $35,000 TO $39,999 | 241 | 228 |
| $40,000 TO $49,999 | 217 | 205 |
| $50,000 TO $74,999 | 213 | 205 |
| $75,000 OR MORE | 95 | 95 |
| MEDIAN | $ 14815 | $ 17579 |
| MEAN | $ 17575 | $ 20548 |

**FLOYD**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 315 | 128 |
| $2,500 TO $4,999 | 659 | 185 |
| $5,000 TO $4,999 | 596 | 299 |
| $7,500 TO $9,999 | 606 | 428 |
| $10,000 TO $12,499 | 635 | 484 |
| $12,500 TO $14,999 | 504 | 395 |
| $15,000 TO $17,499 | 593 | 526 |
| $17,500 TO $19,999 | 643 | 573 |
| $20,000 TO $22,499 | 508 | 458 |
| $22,500 TO $24,999 | 368 | 352 |
| $25,000 TO $27,499 | 349 | 329 |
| $27,500 TO $29,999 | 241 | 232 |
| $30,000 TO $34,999 | 482 | 438 |
| $35,000 TO $39,999 | 240 | 243 |
| $40,000 TO $49,999 | 156 | 139 |
| $50,000 TO $74,999 | 146 | 144 |
| $75,000 OR MORE | 78 | 71 |
| MEDIAN | $ 16031 | $ 18665 |
| MEAN | $ 18186 | $ 20963 |

**FRANKLIN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 247 | 154 |
| $2,500 TO $4,999 | 475 | 134 |
| $5,000 TO $4,999 | 441 | 227 |
| $7,500 TO $9,999 | 384 | 230 |
| $10,000 TO $12,499 | 463 | 304 |
| $12,500 TO $14,999 | 427 | 357 |
| $15,000 TO $17,499 | 401 | 343 |
| $17,500 TO $19,999 | 440 | 390 |
| $20,000 TO $22,499 | 386 | 357 |
| $22,500 TO $24,999 | 285 | 263 |
| $25,000 TO $27,499 | 166 | 153 |
| $27,500 TO $29,999 | 219 | 195 |
| $30,000 TO $34,999 | 255 | 247 |
| $35,000 TO $39,999 | 138 | 126 |
| $40,000 TO $49,999 | 126 | 121 |
| $50,000 TO $74,999 | 94 | 94 |
| $75,000 OR MORE | 44 | 34 |
| MEDIAN | $ 15365 | $ 18240 |
| MEAN | $ 17583 | $ 20157 |

**FREMONT**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 240 | 119 |
| $2,500 TO $4,999 | 406 | 162 |
| $5,000 TO $4,999 | 388 | 236 |
| $7,500 TO $9,999 | 283 | 187 |
| $10,000 TO $12,499 | 428 | 293 |
| $12,500 TO $14,999 | 271 | 234 |
| $15,000 TO $17,499 | 278 | 231 |
| $17,500 TO $19,999 | 271 | 242 |
| $20,000 TO $22,499 | 231 | 202 |
| $22,500 TO $24,999 | 156 | 153 |
| $25,000 TO $27,499 | 180 | 166 |
| $27,500 TO $29,999 | 106 | 95 |
| $30,000 TO $34,999 | 125 | 116 |
| $35,000 TO $39,999 | 106 | 94 |
| $40,000 TO $49,999 | 59 | 53 |
| $50,000 TO $74,999 | 81 | 81 |
| $75,000 OR MORE | 27 | 25 |
| MEDIAN | $ 13201 | $ 16228 |
| MEAN | $ 15893 | $ 18279 |

**GREENE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 187 | 121 |
| $2,500 TO $4,999 | 532 | 188 |
| $5,000 TO $4,999 | 525 | 304 |
| $7,500 TO $9,999 | 406 | 225 |
| $10,000 TO $12,499 | 418 | 284 |
| $12,500 TO $14,999 | 385 | 298 |
| $15,000 TO $17,499 | 351 | 289 |
| $17,500 TO $19,999 | 374 | 324 |
| $20,000 TO $22,499 | 330 | 303 |
| $22,500 TO $24,999 | 232 | 212 |
| $25,000 TO $27,499 | 252 | 234 |
| $27,500 TO $29,999 | 164 | 152 |
| $30,000 TO $34,999 | 207 | 199 |
| $35,000 TO $39,999 | 68 | 70 |
| $40,000 TO $49,999 | 137 | 129 |
| $50,000 TO $74,999 | 130 | 118 |
| $75,000 OR MORE | 43 | 42 |
| MEDIAN | $ 14464 | $ 17785 |
| MEAN | $ 17330 | $ 20064 |

**GRUNDY**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 169 | 92 |
| $2,500 TO $4,999 | 346 | 93 |
| $5,000 TO $4,999 | 395 | 176 |
| $7,500 TO $9,999 | 365 | 233 |
| $10,000 TO $12,499 | 403 | 273 |
| $12,500 TO $14,999 | 371 | 282 |
| $15,000 TO $17,499 | 462 | 441 |
| $17,500 TO $19,999 | 356 | 312 |
| $20,000 TO $22,499 | 449 | 407 |
| $22,500 TO $24,999 | 332 | 299 |
| $25,000 TO $27,499 | 328 | 305 |
| $27,500 TO $29,999 | 182 | 170 |
| $30,000 TO $34,999 | 334 | 300 |
| $35,000 TO $39,999 | 206 | 181 |
| $40,000 TO $49,999 | 234 | 216 |
| $50,000 TO $74,999 | 179 | 168 |
| $75,000 OR MORE | 55 | 55 |
| MEDIAN | $ 18006 | $ 20611 |
| MEAN | $ 20790 | $ 23481 |

**GUTHRIE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 331 | 187 |
| $2,500 TO $4,999 | 524 | 163 |
| $5,000 TO $4,999 | 447 | 256 |
| $7,500 TO $9,999 | 398 | 284 |
| $10,000 TO $12,499 | 458 | 341 |
| $12,500 TO $14,999 | 358 | 284 |
| $15,000 TO $17,499 | 371 | 338 |
| $17,500 TO $19,999 | 305 | 266 |
| $20,000 TO $22,499 | 277 | 245 |
| $22,500 TO $24,999 | 231 | 215 |
| $25,000 TO $27,499 | 214 | 195 |
| $27,500 TO $29,999 | 129 | 122 |
| $30,000 TO $34,999 | 172 | 162 |
| $35,000 TO $39,999 | 132 | 124 |
| $40,000 TO $49,999 | 118 | 109 |
| $50,000 TO $74,999 | 44 | 34 |
| $75,000 OR MORE | 51 | 44 |
| MEDIAN | $ 13352 | $ 16254 |
| MEAN | $ 16132 | $ 18454 |

**HAMILTON**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 253 | 146 |
| $2,500 TO $4,999 | 511 | 163 |
| $5,000 TO $4,999 | 488 | 224 |
| $7,500 TO $9,999 | 542 | 335 |
| $10,000 TO $12,499 | 574 | 422 |
| $12,500 TO $14,999 | 580 | 472 |
| $15,000 TO $17,499 | 674 | 591 |
| $17,500 TO $19,999 | 446 | 376 |
| $20,000 TO $22,499 | 462 | 431 |
| $22,500 TO $24,999 | 440 | 400 |
| $25,000 TO $27,499 | 315 | 274 |
| $27,500 TO $29,999 | 240 | 234 |
| $30,000 TO $34,999 | 333 | 282 |
| $35,000 TO $39,999 | 200 | 184 |
| $40,000 TO $49,999 | 236 | 214 |
| $50,000 TO $74,999 | 235 | 221 |
| $75,000 OR MORE | 70 | 65 |
| MEDIAN | $ 16304 | $ 18590 |
| MEAN | $ 19180 | $ 21606 |

**HANCOCK**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 210 | 129 |
| $2,500 TO $4,999 | 388 | 99 |
| $5,000 TO $4,999 | 353 | 209 |
| $7,500 TO $9,999 | 416 | 240 |
| $10,000 TO $12,499 | 461 | 353 |
| $12,500 TO $14,999 | 489 | 363 |
| $15,000 TO $17,499 | 486 | 380 |
| $17,500 TO $19,999 | 313 | 279 |
| $20,000 TO $22,499 | 458 | 411 |
| $22,500 TO $24,999 | 344 | 316 |
| $25,000 TO $27,499 | 227 | 211 |
| $27,500 TO $29,999 | 146 | 145 |
| $30,000 TO $34,999 | 257 | 251 |
| $35,000 TO $39,999 | 132 | 130 |
| $40,000 TO $49,999 | 161 | 153 |
| $50,000 TO $74,999 | 130 | 126 |
| $75,000 OR MORE | 39 | 39 |
| MEDIAN | $ 15967 | $ 18790 |
| MEAN | $ 18442 | $ 21004 |

**HARDIN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 413 | 234 |
| $2,500 TO $4,999 | 715 | 180 |
| $5,000 TO $4,999 | 632 | 338 |
| $7,500 TO $9,999 | 751 | 416 |
| $10,000 TO $12,499 | 717 | 438 |
| $12,500 TO $14,999 | 664 | 479 |
| $15,000 TO $17,499 | 744 | 616 |
| $17,500 TO $19,999 | 577 | 485 |
| $20,000 TO $22,499 | 577 | 533 |
| $22,500 TO $24,999 | 548 | 550 |
| $25,000 TO $27,499 | 385 | 357 |
| $27,500 TO $29,999 | 279 | 264 |
| $30,000 TO $34,999 | 353 | 347 |
| $35,000 TO $39,999 | 249 | 241 |
| $40,000 TO $49,999 | 242 | 225 |
| $50,000 TO $74,999 | 148 | 144 |
| $75,000 OR MORE | 120 | 101 |
| MEDIAN | $ 15554 | $ 18907 |
| MEAN | $ 18191 | $ 21221 |

**HARRISON**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 416 | 201 |
| $2,500 TO $4,999 | 703 | 255 |
| $5,000 TO $4,999 | 576 | 379 |
| $7,500 TO $9,999 | 416 | 289 |
| $10,000 TO $12,499 | 543 | 420 |
| $12,500 TO $14,999 | 518 | 415 |
| $15,000 TO $17,499 | 446 | 390 |
| $17,500 TO $19,999 | 414 | 392 |
| $20,000 TO $22,499 | 392 | 362 |
| $22,500 TO $24,999 | 298 | 269 |
| $25,000 TO $27,499 | 231 | 218 |
| $27,500 TO $29,999 | 198 | 187 |
| $30,000 TO $34,999 | 272 | 247 |
| $35,000 TO $39,999 | 173 | 158 |
| $40,000 TO $49,999 | 150 | 137 |
| $50,000 TO $74,999 | 91 | 84 |
| $75,000 OR MORE | 48 | 25 |
| MEDIAN | $ 13895 | $ 16635 |
| MEAN | $ 16497 | $ 18639 |

**HENRY**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 284 | 139 |
| $2,500 TO $4,999 | 598 | 172 |
| $5,000 TO $4,999 | 586 | 318 |
| $7,500 TO $9,999 | 487 | 322 |
| $10,000 TO $12,499 | 573 | 424 |
| $12,500 TO $14,999 | 729 | 545 |
| $15,000 TO $17,499 | 616 | 487 |
| $17,500 TO $19,999 | 548 | 493 |
| $20,000 TO $22,499 | 529 | 479 |
| $22,500 TO $24,999 | 383 | 355 |
| $25,000 TO $27,499 | 288 | 274 |
| $27,500 TO $29,999 | 293 | 279 |
| $30,000 TO $34,999 | 313 | 285 |
| $35,000 TO $39,999 | 246 | 242 |
| $40,000 TO $49,999 | 189 | 182 |
| $50,000 TO $74,999 | 132 | 126 |
| $75,000 OR MORE | 46 | 38 |
| MEDIAN | $ 15662 | $ 18377 |
| MEAN | $ 17997 | $ 20583 |

**HOWARD**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 257 | 125 |
| $2,500 TO $4,999 | 410 | 128 |
| $5,000 TO $4,999 | 364 | 214 |
| $7,500 TO $9,999 | 434 | 288 |
| $10,000 TO $12,499 | 409 | 300 |
| $12,500 TO $14,999 | 252 | 211 |
| $15,000 TO $17,499 | 375 | 300 |
| $17,500 TO $19,999 | 260 | 234 |
| $20,000 TO $22,499 | 225 | 208 |
| $22,500 TO $24,999 | 164 | 161 |
| $25,000 TO $27,499 | 229 | 200 |
| $27,500 TO $29,999 | 96 | 94 |
| $30,000 TO $34,999 | 196 | 181 |
| $35,000 TO $39,999 | 114 | 108 |
| $40,000 TO $49,999 | 56 | 56 |
| $50,000 TO $74,999 | 71 | 66 |
| $75,000 OR MORE | 97 | 85 |
| MEDIAN | $ 13795 | $ 16779 |
| MEAN | $ 17468 | $ 20337 |

**HUMBOLDT**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 172 | 93 |
| $2,500 TO $4,999 | 372 | 104 |
| $5,000 TO $4,999 | 428 | 266 |
| $7,500 TO $9,999 | 353 | 250 |
| $10,000 TO $12,499 | 400 | 234 |
| $12,500 TO $14,999 | 479 | 384 |
| $15,000 TO $17,499 | 390 | 330 |
| $17,500 TO $19,999 | 336 | 299 |
| $20,000 TO $22,499 | 384 | 343 |
| $22,500 TO $24,999 | 249 | 233 |
| $25,000 TO $27,499 | 252 | 234 |
| $27,500 TO $29,999 | 180 | 160 |
| $30,000 TO $34,999 | 154 | 150 |
| $35,000 TO $39,999 | 189 | 185 |
| $40,000 TO $49,999 | 189 | 186 |
| $50,000 TO $74,999 | 107 | 107 |
| $75,000 OR MORE | 37 | 31 |
| MEDIAN | $ 15843 | $ 18616 |
| MEAN | $ 18745 | $ 21352 |

**IDA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 220 | 131 |
| $2,500 TO $4,999 | 329 | 89 |
| $5,000 TO $4,999 | 350 | 205 |
| $7,500 TO $9,999 | 279 | 180 |
| $10,000 TO $12,499 | 382 | 304 |
| $12,500 TO $14,999 | 285 | 193 |
| $15,000 TO $17,499 | 292 | 270 |
| $17,500 TO $19,999 | 184 | 155 |
| $20,000 TO $22,499 | 213 | 202 |
| $22,500 TO $24,999 | 186 | 175 |
| $25,000 TO $27,499 | 143 | 119 |
| $27,500 TO $29,999 | 126 | 116 |
| $30,000 TO $34,999 | 136 | 125 |
| $35,000 TO $39,999 | 50 | 48 |
| $40,000 TO $49,999 | 91 | 89 |
| $50,000 TO $74,999 | 69 | 64 |
| $75,000 OR MORE | 43 | 43 |
| MEDIAN | $ 13632 | $ 16407 |
| MEAN | $ 17646 | $ 20601 |

# income by households and families, Iowa counties, 1979 (continued)

### IOWA

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 209 | 132 |
| $2,500 TO $4,999 | 409 | 110 |
| $5,000 TO $4,999 | 405 | 201 |
| $7,500 TO $9,999 | 461 | 275 |
| $10,000 TO $12,499 | 479 | 289 |
| $12,500 TO $14,999 | 376 | 283 |
| $15,000 TO $17,499 | 541 | 454 |
| $17,500 TO $19,999 | 388 | 349 |
| $20,000 TO $22,499 | 494 | 462 |
| $22,500 TO $24,999 | 409 | 374 |
| $25,000 TO $27,499 | 337 | 310 |
| $27,500 TO $29,999 | 198 | 198 |
| $30,000 TO $34,999 | 283 | 261 |
| $35,000 TO $39,999 | 207 | 200 |
| $40,000 TO $49,999 | 178 | 170 |
| $50,000 TO $74,999 | 138 | 131 |
| $75,000 OR MORE | 59 | 59 |
| MEDIAN | $ 17063 | $ 20195 |
| MEAN | $ 19165 | $ 21907 |

### JACKSON

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 371 | 168 |
| $2,500 TO $4,999 | 754 | 302 |
| $5,000 TO $4,999 | 635 | 337 |
| $7,500 TO $9,999 | 613 | 401 |
| $10,000 TO $12,499 | 526 | 365 |
| $12,500 TO $14,999 | 597 | 451 |
| $15,000 TO $17,499 | 605 | 521 |
| $17,500 TO $19,999 | 541 | 492 |
| $20,000 TO $22,499 | 699 | 660 |
| $22,500 TO $24,999 | 533 | 486 |
| $25,000 TO $27,499 | 486 | 473 |
| $27,500 TO $29,999 | 251 | 234 |
| $30,000 TO $34,999 | 344 | 330 |
| $35,000 TO $39,999 | 184 | 177 |
| $40,000 TO $49,999 | 189 | 164 |
| $50,000 TO $74,999 | 232 | 229 |
| $75,000 OR MORE | 65 | 63 |
| MEDIAN | $ 16308 | $ 19439 |
| MEAN | $ 18513 | $ 21317 |

### JASPER

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 494 | 226 |
| $2,500 TO $4,999 | 975 | 292 |
| $5,000 TO $4,999 | 1065 | 595 |
| $7,500 TO $9,999 | 1161 | 743 |
| $10,000 TO $12,499 | 1143 | 821 |
| $12,500 TO $14,999 | 923 | 686 |
| $15,000 TO $17,499 | 1289 | 1001 |
| $17,500 TO $19,999 | 1147 | 985 |
| $20,000 TO $22,499 | 1039 | 935 |
| $22,500 TO $24,999 | 864 | 811 |
| $25,000 TO $27,499 | 766 | 724 |
| $27,500 TO $29,999 | 534 | 497 |
| $30,000 TO $34,999 | 925 | 867 |
| $35,000 TO $39,999 | 445 | 429 |
| $40,000 TO $49,999 | 408 | 376 |
| $50,000 TO $74,999 | 279 | 270 |
| $75,000 OR MORE | 113 | 113 |
| MEDIAN | $ 16986 | $ 19582 |
| MEAN | $ 18994 | $ 21600 |

### JEFFERSON

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 287 | 140 |
| $2,500 TO $4,999 | 631 | 179 |
| $5,000 TO $4,999 | 507 | 310 |
| $7,500 TO $9,999 | 533 | 376 |
| $10,000 TO $12,499 | 536 | 419 |
| $12,500 TO $14,999 | 522 | 396 |
| $15,000 TO $17,499 | 535 | 452 |
| $17,500 TO $19,999 | 420 | 372 |
| $20,000 TO $22,499 | 357 | 262 |
| $22,500 TO $24,999 | 238 | 211 |
| $25,000 TO $27,499 | 199 | 199 |
| $27,500 TO $29,999 | 183 | 171 |
| $30,000 TO $34,999 | 259 | 252 |
| $35,000 TO $39,999 | 164 | 157 |
| $40,000 TO $49,999 | 173 | 154 |
| $50,000 TO $74,999 | 106 | 89 |
| $75,000 OR MORE | 32 | 32 |
| MEDIAN | $ 14162 | $ 16468 |
| MEAN | $ 16877 | $ 19383 |

### JOHNSON

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1589 | 329 |
| $2,500 TO $4,999 | 2480 | 490 |
| $5,000 TO $4,999 | 2518 | 860 |
| $7,500 TO $9,999 | 2390 | 915 |
| $10,000 TO $12,499 | 2738 | 1219 |
| $12,500 TO $14,999 | 2291 | 1252 |
| $15,000 TO $17,499 | 2140 | 1282 |
| $17,500 TO $19,999 | 2013 | 1357 |
| $20,000 TO $22,499 | 1855 | 1380 |
| $22,500 TO $24,999 | 1669 | 1373 |
| $25,000 TO $27,499 | 1348 | 1156 |
| $27,500 TO $29,999 | 1103 | 939 |
| $30,000 TO $34,999 | 1916 | 1738 |
| $35,000 TO $39,999 | 1205 | 1048 |
| $40,000 TO $49,999 | 1308 | 1168 |
| $50,000 TO $74,999 | 1199 | 1071 |
| $75,000 OR MORE | 395 | 364 |
| MEDIAN | $ 16253 | $ 22294 |
| MEAN | $ 20030 | $ 25589 |

### JONES

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 254 | 149 |
| $2,500 TO $4,999 | 670 | 231 |
| $5,000 TO $4,999 | 656 | 392 |
| $7,500 TO $9,999 | 550 | 365 |
| $10,000 TO $12,499 | 567 | 389 |
| $12,500 TO $14,999 | 476 | 401 |
| $15,000 TO $17,499 | 581 | 502 |
| $17,500 TO $19,999 | 508 | 431 |
| $20,000 TO $22,499 | 575 | 494 |
| $22,500 TO $24,999 | 356 | 350 |
| $25,000 TO $27,499 | 415 | 382 |
| $27,500 TO $29,999 | 341 | 333 |
| $30,000 TO $34,999 | 448 | 433 |
| $35,000 TO $39,999 | 220 | 220 |
| $40,000 TO $49,999 | 167 | 159 |
| $50,000 TO $74,999 | 130 | 123 |
| $75,000 OR MORE | 35 | 35 |
| MEDIAN | $ 16297 | $ 19040 |
| MEAN | $ 18089 | $ 20569 |

### KEOKUK

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 259 | 102 |
| $2,500 TO $4,999 | 603 | 218 |
| $5,000 TO $4,999 | 356 | 224 |
| $7,500 TO $9,999 | 488 | 333 |
| $10,000 TO $12,499 | 560 | 451 |
| $12,500 TO $14,999 | 431 | 351 |
| $15,000 TO $17,499 | 480 | 384 |
| $17,500 TO $19,999 | 324 | 288 |
| $20,000 TO $22,499 | 285 | 268 |
| $22,500 TO $24,999 | 186 | 168 |
| $25,000 TO $27,499 | 211 | 209 |
| $27,500 TO $29,999 | 106 | 104 |
| $30,000 TO $34,999 | 212 | 203 |
| $35,000 TO $39,999 | 109 | 107 |
| $40,000 TO $49,999 | 115 | 105 |
| $50,000 TO $74,999 | 121 | 108 |
| $75,000 OR MORE | 31 | 31 |
| MEDIAN | $ 13501 | $ 15964 |
| MEAN | $ 16352 | $ 18842 |

### KOSSUTH

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 402 | 225 |
| $2,500 TO $4,999 | 728 | 284 |
| $5,000 TO $4,999 | 658 | 399 |
| $7,500 TO $9,999 | 557 | 339 |
| $10,000 TO $12,499 | 818 | 541 |
| $12,500 TO $14,999 | 641 | 513 |
| $15,000 TO $17,499 | 624 | 546 |
| $17,500 TO $19,999 | 563 | 499 |
| $20,000 TO $22,499 | 613 | 547 |
| $22,500 TO $24,999 | 444 | 411 |
| $25,000 TO $27,499 | 365 | 332 |
| $27,500 TO $29,999 | 210 | 201 |
| $30,000 TO $34,999 | 413 | 380 |
| $35,000 TO $39,999 | 236 | 188 |
| $40,000 TO $49,999 | 215 | 203 |
| $50,000 TO $74,999 | 215 | 194 |
| $75,000 OR MORE | 92 | 92 |
| MEDIAN | $ 15373 | $ 18001 |
| MEAN | $ 18227 | $ 20611 |

### LEE

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 524 | 207 |
| $2,500 TO $4,999 | 1387 | 346 |
| $5,000 TO $4,999 | 1313 | 700 |
| $7,500 TO $9,999 | 1196 | 714 |
| $10,000 TO $12,499 | 1314 | 834 |
| $12,500 TO $14,999 | 1149 | 841 |
| $15,000 TO $17,499 | 1368 | 1068 |
| $17,500 TO $19,999 | 1074 | 933 |
| $20,000 TO $22,499 | 983 | 832 |
| $22,500 TO $24,999 | 990 | 893 |
| $25,000 TO $27,499 | 1010 | 931 |
| $27,500 TO $29,999 | 644 | 599 |
| $30,000 TO $34,999 | 846 | 813 |
| $35,000 TO $39,999 | 630 | 622 |
| $40,000 TO $49,999 | 555 | 533 |
| $50,000 TO $74,999 | 363 | 328 |
| $75,000 OR MORE | 160 | 148 |
| MEDIAN | $ 16590 | $ 20084 |
| MEAN | $ 19433 | $ 22701 |

### LINN

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1737 | 725 |
| $2,500 TO $4,999 | 3886 | 1109 |
| $5,000 TO $4,999 | 3691 | 1496 |
| $7,500 TO $9,999 | 3648 | 1913 |
| $10,000 TO $12,499 | 4506 | 2460 |
| $12,500 TO $14,999 | 4108 | 2744 |
| $15,000 TO $17,499 | 4847 | 3360 |
| $17,500 TO $19,999 | 4265 | 3274 |
| $20,000 TO $22,499 | 5104 | 4205 |
| $22,500 TO $24,999 | 4347 | 3727 |
| $25,000 TO $27,499 | 4313 | 3830 |
| $27,500 TO $29,999 | 3390 | 3079 |
| $30,000 TO $34,999 | 5362 | 4916 |
| $35,000 TO $39,999 | 3257 | 3021 |
| $40,000 TO $49,999 | 2734 | 2481 |
| $50,000 TO $74,999 | 1745 | 1574 |
| $75,000 OR MORE | 780 | 727 |
| MEDIAN | $ 20084 | $ 23194 |
| MEAN | $ 22057 | $ 25354 |

### LOUISA

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 181 | 89 |
| $2,500 TO $4,999 | 338 | 127 |
| $5,000 TO $4,999 | 347 | 225 |
| $7,500 TO $9,999 | 340 | 233 |
| $10,000 TO $12,499 | 316 | 248 |
| $12,500 TO $14,999 | 323 | 269 |
| $15,000 TO $17,499 | 401 | 339 |
| $17,500 TO $19,999 | 343 | 305 |
| $20,000 TO $22,499 | 345 | 295 |
| $22,500 TO $24,999 | 257 | 249 |
| $25,000 TO $27,499 | 224 | 213 |
| $27,500 TO $29,999 | 162 | 151 |
| $30,000 TO $34,999 | 252 | 237 |
| $35,000 TO $39,999 | 162 | 162 |
| $40,000 TO $49,999 | 117 | 103 |
| $50,000 TO $74,999 | 90 | 89 |
| $75,000 OR MORE | 29 | 29 |
| MEDIAN | $ 16674 | $ 18742 |
| MEAN | $ 18650 | $ 20818 |

### LUCAS

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 271 | 122 |
| $2,500 TO $4,999 | 520 | 178 |
| $5,000 TO $4,999 | 428 | 235 |
| $7,500 TO $9,999 | 463 | 327 |
| $10,000 TO $12,499 | 433 | 345 |
| $12,500 TO $14,999 | 276 | 215 |
| $15,000 TO $17,499 | 372 | 325 |
| $17,500 TO $19,999 | 218 | 201 |
| $20,000 TO $22,499 | 208 | 199 |
| $22,500 TO $24,999 | 190 | 174 |
| $25,000 TO $27,499 | 220 | 218 |
| $27,500 TO $29,999 | 170 | 159 |
| $30,000 TO $34,999 | 99 | 98 |
| $35,000 TO $39,999 | 72 | 72 |
| $40,000 TO $49,999 | 54 | 49 |
| $50,000 TO $74,999 | 64 | 64 |
| $75,000 OR MORE | 24 | 17 |
| MEDIAN | $ 12073 | $ 15592 |
| MEAN | $ 14894 | $ 17345 |

### LYON

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 279 | 170 |
| $2,500 TO $4,999 | 417 | 126 |
| $5,000 TO $4,999 | 468 | 273 |
| $7,500 TO $9,999 | 373 | 247 |
| $10,000 TO $12,499 | 382 | 286 |
| $12,500 TO $14,999 | 352 | 289 |
| $15,000 TO $17,499 | 434 | 390 |
| $17,500 TO $19,999 | 323 | 281 |
| $20,000 TO $22,499 | 362 | 338 |
| $22,500 TO $24,999 | 198 | 192 |
| $25,000 TO $27,499 | 202 | 188 |
| $27,500 TO $29,999 | 134 | 134 |
| $30,000 TO $34,999 | 119 | 119 |
| $35,000 TO $39,999 | 73 | 70 |
| $40,000 TO $49,999 | 164 | 152 |
| $50,000 TO $74,999 | 129 | 129 |
| $75,000 OR MORE | 70 | 68 |
| MEDIAN | $ 14776 | $ 17147 |
| MEAN | $ 17824 | $ 20615 |

### MADISON

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 251 | 143 |
| $2,500 TO $4,999 | 489 | 192 |
| $5,000 TO $4,999 | 387 | 185 |
| $7,500 TO $9,999 | 393 | 303 |
| $10,000 TO $12,499 | 312 | 204 |
| $12,500 TO $14,999 | 338 | 299 |
| $15,000 TO $17,499 | 381 | 301 |
| $17,500 TO $19,999 | 366 | 326 |
| $20,000 TO $22,499 | 326 | 299 |
| $22,500 TO $24,999 | 285 | 293 |
| $25,000 TO $27,499 | 195 | 185 |
| $27,500 TO $29,999 | 131 | 124 |
| $30,000 TO $34,999 | 256 | 241 |
| $35,000 TO $39,999 | 145 | 130 |
| $40,000 TO $49,999 | 169 | 151 |
| $50,000 TO $74,999 | 85 | 83 |
| $75,000 OR MORE | 11 | 6 |
| MEDIAN | $ 15591 | $ 18309 |
| MEAN | $ 17469 | $ 19696 |

### MAHASKA

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 421 | 234 |
| $2,500 TO $4,999 | 942 | 294 |
| $5,000 TO $4,999 | 839 | 473 |
| $7,500 TO $9,999 | 757 | 490 |
| $10,000 TO $12,499 | 826 | 633 |
| $12,500 TO $14,999 | 753 | 638 |
| $15,000 TO $17,499 | 872 | 704 |
| $17,500 TO $19,999 | 617 | 551 |
| $20,000 TO $22,499 | 608 | 561 |
| $22,500 TO $24,999 | 407 | 395 |
| $25,000 TO $27,499 | 370 | 351 |
| $27,500 TO $29,999 | 264 | 260 |
| $30,000 TO $34,999 | 353 | 337 |
| $35,000 TO $39,999 | 153 | 146 |
| $40,000 TO $49,999 | 211 | 197 |
| $50,000 TO $74,999 | 165 | 150 |
| $75,000 OR MORE | 63 | 57 |
| MEDIAN | $ 14245 | $ 16681 |
| MEAN | $ 16497 | $ 19001 |

### MARION

| | HOUSEHOLDS | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 363 | 158 |
| $2,500 TO $4,999 | 829 | 302 |
| $5,000 TO $4,999 | 887 | 463 |
| $7,500 TO $9,999 | 829 | 543 |
| $10,000 TO $12,499 | 804 | 547 |
| $12,500 TO $14,999 | 822 | 584 |
| $15,000 TO $17,499 | 982 | 783 |
| $17,500 TO $19,999 | 863 | 760 |
| $20,000 TO $22,499 | 769 | 674 |
| $22,500 TO $24,999 | 622 | 594 |
| $25,000 TO $27,499 | 508 | 461 |
| $27,500 TO $29,999 | 450 | 438 |
| $30,000 TO $34,999 | 589 | 557 |
| $35,000 TO $39,999 | 417 | 389 |
| $40,000 TO $49,999 | 343 | 334 |
| $50,000 TO $74,999 | 164 | 142 |
| $75,000 OR MORE | 44 | 38 |
| MEDIAN | $ 16549 | $ 19156 |
| MEAN | $ 18432 | $ 20889 |

# income by households and families, Iowa counties, 1979 (continued)

**MARSHALL**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 496 | 206 |
| $2,500 TO $4,999 | 1102 | 259 |
| $5,000 TO $4,999 | 1385 | 694 |
| $7,500 TO $9,999 | 1092 | 658 |
| $10,000 TO $12,499 | 1258 | 819 |
| $12,500 TO $14,999 | 1024 | 688 |
| $15,000 TO $17,499 | 1184 | 882 |
| $17,500 TO $19,999 | 1269 | 1129 |
| $20,000 TO $22,499 | 1283 | 1137 |
| $22,500 TO $24,999 | 1012 | 870 |
| $25,000 TO $27,499 | 955 | 875 |
| $27,500 TO $29,999 | 666 | 576 |
| $30,000 TO $34,999 | 1084 | 1004 |
| $35,000 TO $39,999 | 586 | 560 |
| $40,000 TO $49,999 | 567 | 524 |
| $50,000 TO $74,999 | 357 | 336 |
| $75,000 OR MORE | 123 | 107 |
| MEDIAN | $ 17856 | $ 20719 |
| MEAN | $ 20059 | $ 22870 |

**MILLS**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 153 | 80 |
| $2,500 TO $4,999 | 358 | 114 |
| $5,000 TO $4,999 | 376 | 200 |
| $7,500 TO $9,999 | 332 | 182 |
| $10,000 TO $12,499 | 415 | 298 |
| $12,500 TO $14,999 | 425 | 325 |
| $15,000 TO $17,499 | 374 | 292 |
| $17,500 TO $19,999 | 429 | 402 |
| $20,000 TO $22,499 | 361 | 319 |
| $22,500 TO $24,999 | 272 | 243 |
| $25,000 TO $27,499 | 250 | 243 |
| $27,500 TO $29,999 | 179 | 168 |
| $30,000 TO $34,999 | 229 | 226 |
| $35,000 TO $39,999 | 120 | 116 |
| $40,000 TO $49,999 | 100 | 93 |
| $50,000 TO $74,999 | 120 | 112 |
| $75,000 OR MORE | 61 | 45 |
| MEDIAN | $ 16457 | $ 18980 |
| MEAN | $ 18957 | $ 21357 |

**MITCHELL**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 222 | 126 |
| $2,500 TO $4,999 | 449 | 137 |
| $5,000 TO $4,999 | 379 | 249 |
| $7,500 TO $9,999 | 411 | 266 |
| $10,000 TO $12,499 | 474 | 327 |
| $12,500 TO $14,999 | 373 | 310 |
| $15,000 TO $17,499 | 326 | 280 |
| $17,500 TO $19,999 | 264 | 217 |
| $20,000 TO $22,499 | 291 | 238 |
| $22,500 TO $24,999 | 182 | 161 |
| $25,000 TO $27,499 | 220 | 212 |
| $27,500 TO $29,999 | 124 | 122 |
| $30,000 TO $34,999 | 197 | 189 |
| $35,000 TO $39,999 | 162 | 168 |
| $40,000 TO $49,999 | 165 | 143 |
| $50,000 TO $74,999 | 123 | 113 |
| $75,000 OR MORE | 100 | 83 |
| MEDIAN | $ 14484 | $ 17281 |
| MEAN | $ 19150 | $ 21654 |

**MONONA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 295 | 176 |
| $2,500 TO $4,999 | 532 | 175 |
| $5,000 TO $4,999 | 436 | 290 |
| $7,500 TO $9,999 | 404 | 276 |
| $10,000 TO $12,499 | 438 | 331 |
| $12,500 TO $14,999 | 392 | 322 |
| $15,000 TO $17,499 | 499 | 435 |
| $17,500 TO $19,999 | 306 | 264 |
| $20,000 TO $22,499 | 279 | 245 |
| $22,500 TO $24,999 | 150 | 148 |
| $25,000 TO $27,499 | 148 | 150 |
| $27,500 TO $29,999 | 123 | 105 |
| $30,000 TO $34,999 | 150 | 141 |
| $35,000 TO $39,999 | 135 | 123 |
| $40,000 TO $49,999 | 91 | 88 |
| $50,000 TO $74,999 | 75 | 65 |
| $75,000 OR MORE | 51 | 46 |
| MEDIAN | $ 13438 | $ 15690 |
| MEAN | $ 15847 | $ 18009 |

**MONROE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 252 | 106 |
| $2,500 TO $4,999 | 331 | 88 |
| $5,000 TO $4,999 | 389 | 173 |
| $7,500 TO $9,999 | 359 | 237 |
| $10,000 TO $12,499 | 345 | 253 |
| $12,500 TO $14,999 | 335 | 272 |
| $15,000 TO $17,499 | 273 | 233 |
| $17,500 TO $19,999 | 282 | 259 |
| $20,000 TO $22,499 | 194 | 181 |
| $22,500 TO $24,999 | 177 | 171 |
| $25,000 TO $27,499 | 142 | 138 |
| $27,500 TO $29,999 | 137 | 131 |
| $30,000 TO $34,999 | 148 | 148 |
| $35,000 TO $39,999 | 53 | 47 |
| $40,000 TO $49,999 | 66 | 66 |
| $50,000 TO $74,999 | 25 | 21 |
| $75,000 OR MORE | 29 | 29 |
| MEDIAN | $ 13190 | $ 16583 |
| MEAN | $ 15668 | $ 18747 |

**MONTGOMERY**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 174 | 78 |
| $2,500 TO $4,999 | 570 | 139 |
| $5,000 TO $4,999 | 464 | 222 |
| $7,500 TO $9,999 | 469 | 291 |
| $10,000 TO $12,499 | 603 | 435 |
| $12,500 TO $14,999 | 398 | 301 |
| $15,000 TO $17,499 | 464 | 392 |
| $17,500 TO $19,999 | 341 | 300 |
| $20,000 TO $22,499 | 411 | 393 |
| $22,500 TO $24,999 | 307 | 287 |
| $25,000 TO $27,499 | 231 | 212 |
| $27,500 TO $29,999 | 200 | 194 |
| $30,000 TO $34,999 | 309 | 283 |
| $35,000 TO $39,999 | 135 | 135 |
| $40,000 TO $49,999 | 159 | 159 |
| $50,000 TO $74,999 | 23 | 17 |
| $75,000 OR MORE | 44 | 44 |
| MEDIAN | $ 14830 | $ 18192 |
| MEAN | $ 17092 | $ 20104 |

**MUSCATINE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 594 | 299 |
| $2,500 TO $4,999 | 1149 | 346 |
| $5,000 TO $4,999 | 1087 | 596 |
| $7,500 TO $9,999 | 939 | 613 |
| $10,000 TO $12,499 | 1029 | 705 |
| $12,500 TO $14,999 | 952 | 713 |
| $15,000 TO $17,499 | 1068 | 871 |
| $17,500 TO $19,999 | 1042 | 821 |
| $20,000 TO $22,499 | 1119 | 965 |
| $22,500 TO $24,999 | 886 | 801 |
| $25,000 TO $27,499 | 707 | 619 |
| $27,500 TO $29,999 | 682 | 623 |
| $30,000 TO $34,999 | 1005 | 965 |
| $35,000 TO $39,999 | 712 | 682 |
| $40,000 TO $49,999 | 664 | 641 |
| $50,000 TO $74,999 | 427 | 380 |
| $75,000 OR MORE | 189 | 180 |
| MEDIAN | $ 18238 | $ 21155 |
| MEAN | $ 20677 | $ 23577 |

**O'BRIEN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 284 | 131 |
| $2,500 TO $4,999 | 645 | 229 |
| $5,000 TO $4,999 | 561 | 274 |
| $7,500 TO $9,999 | 544 | 347 |
| $10,000 TO $12,499 | 673 | 493 |
| $12,500 TO $14,999 | 478 | 394 |
| $15,000 TO $17,499 | 502 | 415 |
| $17,500 TO $19,999 | 496 | 420 |
| $20,000 TO $22,499 | 464 | 433 |
| $22,500 TO $24,999 | 312 | 307 |
| $25,000 TO $27,499 | 265 | 246 |
| $27,500 TO $29,999 | 134 | 130 |
| $30,000 TO $34,999 | 261 | 248 |
| $35,000 TO $39,999 | 209 | 199 |
| $40,000 TO $49,999 | 182 | 170 |
| $50,000 TO $74,999 | 151 | 127 |
| $75,000 OR MORE | 101 | 93 |
| MEDIAN | $ 14718 | $ 17768 |
| MEAN | $ 18024 | $ 20831 |

**OSCEOLA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 145 | 82 |
| $2,500 TO $4,999 | 298 | 113 |
| $5,000 TO $4,999 | 241 | 139 |
| $7,500 TO $9,999 | 241 | 152 |
| $10,000 TO $12,499 | 357 | 253 |
| $12,500 TO $14,999 | 228 | 205 |
| $15,000 TO $17,499 | 227 | 185 |
| $17,500 TO $19,999 | 244 | 228 |
| $20,000 TO $22,499 | 229 | 214 |
| $22,500 TO $24,999 | 143 | 127 |
| $25,000 TO $27,499 | 147 | 131 |
| $27,500 TO $29,999 | 61 | 59 |
| $30,000 TO $34,999 | 182 | 143 |
| $35,000 TO $39,999 | 84 | 81 |
| $40,000 TO $49,999 | 139 | 139 |
| $50,000 TO $74,999 | 50 | 43 |
| $75,000 OR MORE | 43 | 43 |
| MEDIAN | $ 15215 | $ 17933 |
| MEAN | $ 18237 | $ 20625 |

**PAGE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 419 | 181 |
| $2,500 TO $4,999 | 755 | 227 |
| $5,000 TO $4,999 | 717 | 332 |
| $7,500 TO $9,999 | 685 | 447 |
| $10,000 TO $12,499 | 662 | 419 |
| $12,500 TO $14,999 | 799 | 606 |
| $15,000 TO $17,499 | 570 | 474 |
| $17,500 TO $19,999 | 604 | 552 |
| $20,000 TO $22,499 | 453 | 441 |
| $22,500 TO $24,999 | 351 | 313 |
| $25,000 TO $27,499 | 318 | 288 |
| $27,500 TO $29,999 | 150 | 150 |
| $30,000 TO $34,999 | 340 | 333 |
| $35,000 TO $39,999 | 193 | 173 |
| $40,000 TO $49,999 | 142 | 129 |
| $50,000 TO $74,999 | 84 | 84 |
| $75,000 OR MORE | 68 | 64 |
| MEDIAN | $ 13805 | $ 17081 |
| MEAN | $ 16289 | $ 19295 |

**PALO ALTO**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 257 | 108 |
| $2,500 TO $4,999 | 387 | 84 |
| $5,000 TO $4,999 | 449 | 274 |
| $7,500 TO $9,999 | 405 | 231 |
| $10,000 TO $12,499 | 462 | 345 |
| $12,500 TO $14,999 | 396 | 324 |
| $15,000 TO $17,499 | 385 | 307 |
| $17,500 TO $19,999 | 325 | 290 |
| $20,000 TO $22,499 | 308 | 251 |
| $22,500 TO $24,999 | 240 | 208 |
| $25,000 TO $27,499 | 195 | 195 |
| $27,500 TO $29,999 | 102 | 97 |
| $30,000 TO $34,999 | 223 | 189 |
| $35,000 TO $39,999 | 179 | 159 |
| $40,000 TO $49,999 | 114 | 107 |
| $50,000 TO $74,999 | 117 | 97 |
| $75,000 OR MORE | 38 | 36 |
| MEDIAN | $ 14590 | $ 17321 |
| MEAN | $ 17573 | $ 20283 |

**PLYMOUTH**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 404 | 256 |
| $2,500 TO $4,999 | 700 | 152 |
| $5,000 TO $4,999 | 713 | 381 |
| $7,500 TO $9,999 | 654 | 439 |
| $10,000 TO $12,499 | 831 | 563 |
| $12,500 TO $14,999 | 677 | 573 |
| $15,000 TO $17,499 | 686 | 613 |
| $17,500 TO $19,999 | 680 | 602 |
| $20,000 TO $22,499 | 592 | 521 |
| $22,500 TO $24,999 | 504 | 490 |
| $25,000 TO $27,499 | 380 | 337 |
| $27,500 TO $29,999 | 320 | 298 |
| $30,000 TO $34,999 | 345 | 323 |
| $35,000 TO $39,999 | 240 | 231 |
| $40,000 TO $49,999 | 311 | 308 |
| $50,000 TO $74,999 | 278 | 245 |
| $75,000 OR MORE | 131 | 119 |
| MEDIAN | $ 15889 | $ 18532 |
| MEAN | $ 19379 | $ 22141 |

**POCAHONTAS**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 193 | 98 |
| $2,500 TO $4,999 | 429 | 113 |
| $5,000 TO $4,999 | 346 | 203 |
| $7,500 TO $9,999 | 323 | 206 |
| $10,000 TO $12,499 | 462 | 345 |
| $12,500 TO $14,999 | 427 | 318 |
| $15,000 TO $17,499 | 359 | 291 |
| $17,500 TO $19,999 | 258 | 216 |
| $20,000 TO $22,499 | 270 | 255 |
| $22,500 TO $24,999 | 241 | 203 |
| $25,000 TO $27,499 | 195 | 189 |
| $27,500 TO $29,999 | 104 | 91 |
| $30,000 TO $34,999 | 185 | 162 |
| $35,000 TO $39,999 | 119 | 109 |
| $40,000 TO $49,999 | 126 | 126 |
| $50,000 TO $74,999 | 127 | 123 |
| $75,000 OR MORE | 63 | 63 |
| MEDIAN | $ 14611 | $ 17341 |
| MEAN | $ 18443 | $ 21536 |

**POLK**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 3413 | 1327 |
| $2,500 TO $4,999 | 7841 | 2229 |
| $5,000 TO $4,999 | 8126 | 3568 |
| $7,500 TO $9,999 | 8090 | 4077 |
| $10,000 TO $12,499 | 8757 | 4787 |
| $12,500 TO $14,999 | 7865 | 5049 |
| $15,000 TO $17,499 | 8986 | 5864 |
| $17,500 TO $19,999 | 7776 | 5803 |
| $20,000 TO $22,499 | 8964 | 7015 |
| $22,500 TO $24,999 | 7306 | 6182 |
| $25,000 TO $27,499 | 6890 | 5881 |
| $27,500 TO $29,999 | 5280 | 4663 |
| $30,000 TO $34,999 | 8491 | 7675 |
| $35,000 TO $39,999 | 5533 | 5135 |
| $40,000 TO $49,999 | 5758 | 5224 |
| $50,000 TO $74,999 | 3834 | 3528 |
| $75,000 OR MORE | 2070 | 1851 |
| MEDIAN | $ 18918 | $ 22585 |
| MEAN | $ 22066 | $ 25865 |

**POTTAWATTAMIE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1087 | 524 |
| $2,500 TO $4,999 | 2544 | 852 |
| $5,000 TO $4,999 | 2592 | 1438 |
| $7,500 TO $9,999 | 2373 | 1511 |
| $10,000 TO $12,499 | 2673 | 1863 |
| $12,500 TO $14,999 | 2083 | 1617 |
| $15,000 TO $17,499 | 2539 | 1996 |
| $17,500 TO $19,999 | 2251 | 1952 |
| $20,000 TO $22,499 | 2451 | 2178 |
| $22,500 TO $24,999 | 1769 | 1640 |
| $25,000 TO $27,499 | 1808 | 1689 |
| $27,500 TO $29,999 | 1325 | 1197 |
| $30,000 TO $34,999 | 1977 | 1881 |
| $35,000 TO $39,999 | 1087 | 1037 |
| $40,000 TO $49,999 | 1214 | 1177 |
| $50,000 TO $74,999 | 655 | 622 |
| $75,000 OR MORE | 196 | 181 |
| MEDIAN | $ 16930 | $ 19903 |
| MEAN | $ 19105 | $ 21779 |

**POWESHIEK**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 336 | 201 |
| $2,500 TO $4,999 | 592 | 189 |
| $5,000 TO $4,999 | 614 | 304 |
| $7,500 TO $9,999 | 566 | 361 |
| $10,000 TO $12,499 | 576 | 392 |
| $12,500 TO $14,999 | 576 | 464 |
| $15,000 TO $17,499 | 742 | 577 |
| $17,500 TO $19,999 | 457 | 411 |
| $20,000 TO $22,499 | 491 | 428 |
| $22,500 TO $24,999 | 384 | 352 |
| $25,000 TO $27,499 | 363 | 324 |
| $27,500 TO $29,999 | 270 | 264 |
| $30,000 TO $34,999 | 354 | 319 |
| $35,000 TO $39,999 | 207 | 198 |
| $40,000 TO $49,999 | 162 | 156 |
| $50,000 TO $74,999 | 95 | 85 |
| $75,000 OR MORE | 71 | 69 |
| MEDIAN | $ 15566 | $ 17859 |
| MEAN | $ 17854 | $ 20443 |

# income by households and families, Iowa counties, 1979 (continued)

**RINGGOLD**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 230 | 136 |
| $2,500 TO $4,999 | 379 | 165 |
| $5,000 TO $4,999 | 350 | 249 |
| $7,500 TO $9,999 | 234 | 182 |
| $10,000 TO $12,499 | 222 | 160 |
| $12,500 TO $14,999 | 175 | 144 |
| $15,000 TO $17,499 | 176 | 146 |
| $17,500 TO $19,999 | 109 | 92 |
| $20,000 TO $22,499 | 140 | 140 |
| $22,500 TO $24,999 | 69 | 67 |
| $25,000 TO $27,499 | 61 | 61 |
| $27,500 TO $29,999 | 40 | 35 |
| $30,000 TO $34,999 | 74 | 66 |
| $35,000 TO $39,999 | 36 | 36 |
| $40,000 TO $49,999 | 37 | 39 |
| $50,000 TO $74,999 | 32 | 28 |
| $75,000 OR MORE | 24 | 24 |
| MEDIAN | $ 10011 | $ 12391 |
| MEAN | $ 13395 | $ 15579 |

**SAC**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 242 | 117 |
| $2,500 TO $4,999 | 473 | 140 |
| $5,000 TO $4,999 | 430 | 223 |
| $7,500 TO $9,999 | 407 | 282 |
| $10,000 TO $12,499 | 644 | 429 |
| $12,500 TO $14,999 | 503 | 406 |
| $15,000 TO $17,499 | 499 | 442 |
| $17,500 TO $19,999 | 365 | 347 |
| $20,000 TO $22,499 | 422 | 362 |
| $22,500 TO $24,999 | 281 | 244 |
| $25,000 TO $27,499 | 238 | 204 |
| $27,500 TO $29,999 | 140 | 120 |
| $30,000 TO $34,999 | 195 | 192 |
| $35,000 TO $39,999 | 105 | 103 |
| $40,000 TO $49,999 | 175 | 175 |
| $50,000 TO $74,999 | 148 | 134 |
| $75,000 OR MORE | 43 | 43 |
| MEDIAN | $ 14781 | $ 17175 |
| MEAN | $ 17700 | $ 20368 |

**SCOTT**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1674 | 742 |
| $2,500 TO $4,999 | 3380 | 1140 |
| $5,000 TO $4,999 | 3455 | 1595 |
| $7,500 TO $9,999 | 3611 | 2063 |
| $10,000 TO $12,499 | 3817 | 2298 |
| $12,500 TO $14,999 | 3321 | 2086 |
| $15,000 TO $17,499 | 3830 | 2685 |
| $17,500 TO $19,999 | 3953 | 2993 |
| $20,000 TO $22,499 | 4468 | 3629 |
| $22,500 TO $24,999 | 3862 | 3372 |
| $25,000 TO $27,499 | 3833 | 3349 |
| $27,500 TO $29,999 | 3072 | 2680 |
| $30,000 TO $34,999 | 4930 | 4446 |
| $35,000 TO $39,999 | 3444 | 3220 |
| $40,000 TO $49,999 | 3497 | 3254 |
| $50,000 TO $74,999 | 1952 | 1785 |
| $75,000 OR MORE | 724 | 663 |
| MEDIAN | $ 20767 | $ 23812 |
| MEAN | $ 23031 | $ 26136 |

**SHELBY**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 256 | 165 |
| $2,500 TO $4,999 | 410 | 158 |
| $5,000 TO $4,999 | 484 | 236 |
| $7,500 TO $9,999 | 359 | 212 |
| $10,000 TO $12,499 | 487 | 355 |
| $12,500 TO $14,999 | 558 | 454 |
| $15,000 TO $17,499 | 496 | 408 |
| $17,500 TO $19,999 | 388 | 367 |
| $20,000 TO $22,499 | 370 | 349 |
| $22,500 TO $24,999 | 288 | 284 |
| $25,000 TO $27,499 | 204 | 181 |
| $27,500 TO $29,999 | 195 | 169 |
| $30,000 TO $34,999 | 209 | 190 |
| $35,000 TO $39,999 | 156 | 156 |
| $40,000 TO $49,999 | 120 | 118 |
| $50,000 TO $74,999 | 153 | 151 |
| $75,000 OR MORE | 60 | 54 |
| MEDIAN | $ 15214 | $ 17606 |
| MEAN | $ 18053 | $ 20470 |

**SIOUX**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 411 | 234 |
| $2,500 TO $4,999 | 790 | 245 |
| $5,000 TO $4,999 | 686 | 390 |
| $7,500 TO $9,999 | 757 | 444 |
| $10,000 TO $12,499 | 1023 | 728 |
| $12,500 TO $14,999 | 811 | 685 |
| $15,000 TO $17,499 | 1053 | 974 |
| $17,500 TO $19,999 | 924 | 811 |
| $20,000 TO $22,499 | 853 | 783 |
| $22,500 TO $24,999 | 463 | 439 |
| $25,000 TO $27,499 | 491 | 458 |
| $27,500 TO $29,999 | 326 | 295 |
| $30,000 TO $34,999 | 409 | 394 |
| $35,000 TO $39,999 | 289 | 268 |
| $40,000 TO $49,999 | 303 | 281 |
| $50,000 TO $74,999 | 254 | 249 |
| $75,000 OR MORE | 93 | 90 |
| MEDIAN | $ 16163 | $ 18067 |
| MEAN | $ 18474 | $ 20843 |

**STORY**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 983 | 307 |
| $2,500 TO $4,999 | 1765 | 445 |
| $5,000 TO $4,999 | 1883 | 740 |
| $7,500 TO $9,999 | 2019 | 855 |
| $10,000 TO $12,499 | 2056 | 1165 |
| $12,500 TO $14,999 | 1642 | 1056 |
| $15,000 TO $17,499 | 1845 | 1280 |
| $17,500 TO $19,999 | 1529 | 1136 |
| $20,000 TO $22,499 | 1586 | 1335 |
| $22,500 TO $24,999 | 1477 | 1174 |
| $25,000 TO $27,499 | 1217 | 1068 |
| $27,500 TO $29,999 | 1115 | 997 |
| $30,000 TO $34,999 | 1673 | 1527 |
| $35,000 TO $39,999 | 896 | 824 |
| $40,000 TO $49,999 | 1065 | 1012 |
| $50,000 TO $74,999 | 686 | 636 |
| $75,000 OR MORE | 220 | 204 |
| MEDIAN | $ 17006 | $ 21679 |
| MEAN | $ 20063 | $ 24330 |

**TAMA**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 317 | 124 |
| $2,500 TO $4,999 | 727 | 249 |
| $5,000 TO $4,999 | 581 | 361 |
| $7,500 TO $9,999 | 540 | 358 |
| $10,000 TO $12,499 | 681 | 495 |
| $12,500 TO $14,999 | 580 | 490 |
| $15,000 TO $17,499 | 589 | 518 |
| $17,500 TO $19,999 | 518 | 440 |
| $20,000 TO $22,499 | 561 | 515 |
| $22,500 TO $24,999 | 406 | 372 |
| $25,000 TO $27,499 | 399 | 365 |
| $27,500 TO $29,999 | 259 | 250 |
| $30,000 TO $34,999 | 389 | 258 |
| $35,000 TO $39,999 | 174 | 172 |
| $40,000 TO $49,999 | 194 | 192 |
| $50,000 TO $74,999 | 98 | 98 |
| $75,000 OR MORE | 50 | 40 |
| MEDIAN | $ 15448 | $ 18088 |
| MEAN | $ 17503 | $ 20044 |

**TAYLOR**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 234 | 150 |
| $2,500 TO $4,999 | 451 | 164 |
| $5,000 TO $4,999 | 402 | 252 |
| $7,500 TO $9,999 | 325 | 215 |
| $10,000 TO $12,499 | 307 | 244 |
| $12,500 TO $14,999 | 356 | 315 |
| $15,000 TO $17,499 | 227 | 216 |
| $17,500 TO $19,999 | 173 | 158 |
| $20,000 TO $22,499 | 160 | 139 |
| $22,500 TO $24,999 | 149 | 130 |
| $25,000 TO $27,499 | 110 | 108 |
| $27,500 TO $29,999 | 63 | 55 |
| $30,000 TO $34,999 | 108 | 90 |
| $35,000 TO $39,999 | 76 | 68 |
| $40,000 TO $49,999 | 46 | 44 |
| $50,000 TO $74,999 | 45 | 41 |
| $75,000 OR MORE | 21 | 17 |
| MEDIAN | $ 11747 | $ 13913 |
| MEAN | $ 14111 | $ 15987 |

**UNION**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 313 | 140 |
| $2,500 TO $4,999 | 644 | 193 |
| $5,000 TO $4,999 | 549 | 295 |
| $7,500 TO $9,999 | 407 | 238 |
| $10,000 TO $12,499 | 483 | 379 |
| $12,500 TO $14,999 | 561 | 459 |
| $15,000 TO $17,499 | 412 | 334 |
| $17,500 TO $19,999 | 325 | 264 |
| $20,000 TO $22,499 | 425 | 373 |
| $22,500 TO $24,999 | 249 | 232 |
| $25,000 TO $27,499 | 175 | 168 |
| $27,500 TO $29,999 | 175 | 159 |
| $30,000 TO $34,999 | 246 | 228 |
| $35,000 TO $39,999 | 166 | 166 |
| $40,000 TO $49,999 | 101 | 89 |
| $50,000 TO $74,999 | 60 | 58 |
| $75,000 OR MORE | 22 | 20 |
| MEDIAN | $ 13661 | $ 16448 |
| MEAN | $ 15992 | $ 18878 |

**VAN BUREN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 276 | 159 |
| $2,500 TO $4,999 | 418 | 148 |
| $5,000 TO $4,999 | 373 | 263 |
| $7,500 TO $9,9 | 336 | 256 |
| $10,000 TO $12,499 | 294 | 227 |
| $12,500 TO $14,999 | 260 | 215 |
| $15,000 TO $17,499 | 237 | 216 |
| $17,500 TO $19,999 | 237 | 200 |
| $20,000 TO $22,499 | 193 | 186 |
| $22,500 TO $24,999 | 127 | 120 |
| $25,000 TO $27,499 | 92 | 86 |
| $27,500 TO $29,999 | 81 | 83 |
| $30,000 TO $34,999 | 76 | 59 |
| $35,000 TO $39,999 | 64 | 61 |
| $40,000 TO $49,999 | 70 | 70 |
| $50,000 TO $74,999 | 32 | 32 |
| $75,000 OR MORE | 9 | 9 |
| MEDIAN | $ 11569 | $ 14151 |
| MEAN | $ 13873 | $ 16047 |

**WAPELLO**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 572 | 253 |
| $2,500 TO $4,999 | 1631 | 358 |
| $5,000 TO $4,999 | 1523 | 783 |
| $7,500 TO $9,999 | 1418 | 984 |
| $10,000 TO $12,499 | 1304 | 1038 |
| $12,500 TO $14,999 | 1281 | 1016 |
| $15,000 TO $17,499 | 1254 | 1050 |
| $17,500 TO $19,999 | 1035 | 873 |
| $20,000 TO $22,499 | 1117 | 950 |
| $22,500 TO $24,999 | 832 | 787 |
| $25,000 TO $27,499 | 771 | 711 |
| $27,500 TO $29,999 | 556 | 529 |
| $30,000 TO $34,999 | 837 | 800 |
| $35,000 TO $39,999 | 433 | 404 |
| $40,000 TO $49,999 | 383 | 364 |
| $50,000 TO $74,999 | 298 | 265 |
| $75,000 OR MORE | 126 | 121 |
| MEDIAN | $ 14915 | $ 17961 |
| MEAN | $ 17817 | $ 20655 |

**WARREN**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 404 | 205 |
| $2,500 TO $4,999 | 563 | 174 |
| $5,000 TO $4,999 | 876 | 497 |
| $7,500 TO $9,999 | 749 | 487 |
| $10,000 TO $12,499 | 731 | 558 |
| $12,500 TO $14,999 | 730 | 550 |
| $15,000 TO $17,499 | 901 | 809 |
| $17,500 TO $19,999 | 796 | 727 |
| $20,000 TO $22,499 | 900 | 799 |
| $22,500 TO $24,999 | 990 | 921 |
| $25,000 TO $27,499 | 936 | 887 |
| $27,500 TO $29,999 | 698 | 653 |
| $30,000 TO $34,999 | 857 | 807 |
| $35,000 TO $39,999 | 566 | 550 |
| $40,000 TO $49,999 | 575 | 540 |
| $50,000 TO $74,999 | 228 | 228 |
| $75,000 OR MORE | 63 | 53 |
| MEDIAN | $ 20087 | $ 22239 |
| MEAN | $ 21016 | $ 23163 |

**WASHINGTON**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 344 | 184 |
| $2,500 TO $4,999 | 629 | 247 |
| $5,000 TO $4,999 | 665 | 356 |
| $7,500 TO $9,999 | 635 | 407 |
| $10,000 TO $12,499 | 757 | 542 |
| $12,500 TO $14,999 | 577 | 466 |
| $15,000 TO $17,499 | 497 | 419 |
| $17,500 TO $19,999 | 536 | 441 |
| $20,000 TO $22,499 | 481 | 438 |
| $22,500 TO $24,999 | 409 | 389 |
| $25,000 TO $27,499 | 395 | 372 |
| $27,500 TO $29,999 | 246 | 241 |
| $30,000 TO $34,999 | 333 | 319 |
| $35,000 TO $39,999 | 219 | 197 |
| $40,000 TO $49,999 | 230 | 218 |
| $50,000 TO $74,999 | 208 | 183 |
| $75,000 OR MORE | 70 | 64 |
| MEDIAN | $ 15043 | $ 18183 |
| MEAN | $ 18222 | $ 20706 |

**WAYNE**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 266 | 154 |
| $2,500 TO $4,999 | 487 | 180 |
| $5,000 TO $4,999 | 437 | 271 |
| $7,500 TO $9,999 | 343 | 238 |
| $10,000 TO $12,499 | 406 | 334 |
| $12,500 TO $14,999 | 270 | 213 |
| $15,000 TO $17,499 | 236 | 224 |
| $17,500 TO $19,999 | 219 | 213 |
| $20,000 TO $22,499 | 186 | 182 |
| $22,500 TO $24,999 | 146 | 128 |
| $25,000 TO $27,499 | 49 | 49 |
| $27,500 TO $29,999 | 28 | 26 |
| $30,000 TO $34,999 | 94 | 92 |
| $35,000 TO $39,999 | 57 | 57 |
| $40,000 TO $49,999 | 58 | 55 |
| $50,000 TO $74,999 | 22 | 22 |
| $75,000 OR MORE | 31 | 23 |
| MEDIAN | $ 10828 | $ 13128 |
| MEAN | $ 13383 | $ 15565 |

**WEBSTER**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 515 | 221 |
| $2,500 TO $4,999 | 1562 | 463 |
| $5,000 TO $4,999 | 1483 | 739 |
| $7,500 TO $9,999 | 1433 | 846 |
| $10,000 TO $12,499 | 1472 | 932 |
| $12,500 TO $14,999 | 1199 | 840 |
| $15,000 TO $17,499 | 1438 | 1097 |
| $17,500 TO $19,999 | 1103 | 971 |
| $20,000 TO $22,499 | 1259 | 1099 |
| $22,500 TO $24,999 | 951 | 827 |
| $25,000 TO $27,499 | 891 | 811 |
| $27,500 TO $29,999 | 629 | 600 |
| $30,000 TO $34,999 | 1099 | 1029 |
| $35,000 TO $39,999 | 612 | 573 |
| $40,000 TO $49,999 | 634 | 600 |
| $50,000 TO $74,999 | 418 | 363 |
| $75,000 OR MORE | 205 | 192 |
| MEDIAN | $ 16369 | $ 19981 |
| MEAN | $ 19232 | $ 22381 |

**WINNEBAGO**

| | HOUSEHOLDS' | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 167 | 77 |
| $2,500 TO $4,999 | 394 | 110 |
| $5,000 TO $4,999 | 481 | 233 |
| $7,500 TO $9,999 | 424 | 253 |
| $10,000 TO $12,499 | 526 | 357 |
| $12,500 TO $14,999 | 474 | 367 |
| $15,000 TO $17,499 | 504 | 381 |
| $17,500 TO $19,999 | 314 | 273 |
| $20,000 TO $22,499 | 367 | 349 |
| $22,500 TO $24,999 | 289 | 254 |
| $25,000 TO $27,499 | 213 | 199 |
| $27,500 TO $29,999 | 147 | 138 |
| $30,000 TO $34,999 | 259 | 248 |
| $35,000 TO $39,999 | 57 | 55 |
| $40,000 TO $49,999 | 118 | 110 |
| $50,000 TO $74,999 | 111 | 108 |
| $75,000 OR MORE | 39 | 39 |
| MEDIAN | $ 14873 | $ 17484 |
| MEAN | $ 17343 | $ 20173 |

# income by households and families, Iowa counties, 1979 (continued)

| WINNISHIEK | HOUSEHOLDS[1] | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 310 | 163 |
| $2,500 TO $4,999 | 712 | 226 |
| $5,000 TO $4,999 | 778 | 414 |
| $7,500 TO $9,999 | 730 | 509 |
| $10,000 TO $12,499 | 683 | 512 |
| $12,500 TO $14,999 | 629 | 529 |
| $15,000 TO $17,499 | 475 | 410 |
| $17,500 TO $19,999 | 432 | 370 |
| $20,000 TO $22,499 | 480 | 447 |
| $22,500 TO $24,999 | 430 | 389 |
| $25,000 TO $27,499 | 272 | 263 |
| $27,500 TO $29,999 | 178 | 166 |
| $30,000 TO $34,999 | 320 | 303 |
| $35,000 TO $39,999 | 226 | 208 |
| $40,000 TO $49,999 | 177 | 171 |
| $50,000 TO $74,999 | 168 | 162 |
| $75,000 OR MORE | 49 | 47 |
| MEDIAN | $ 13718 | $ 16777 |
| MEAN | $ 17012 | $ 19733 |

| WOODBURY | HOUSEHOLDS[1] | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 1558 | 725 |
| $2,500 TO $4,999 | 3503 | 1243 |
| $5,000 TO $4,999 | 3505 | 1811 |
| $7,500 TO $9,999 | 3017 | 1769 |
| $10,000 TO $12,499 | 2852 | 1884 |
| $12,500 TO $14,999 | 2689 | 1986 |
| $15,000 TO $17,499 | 2965 | 2497 |
| $17,500 TO $19,999 | 2718 | 2275 |
| $20,000 TO $22,499 | 2620 | 2351 |
| $22,500 TO $24,999 | 2108 | 1868 |
| $25,000 TO $27,499 | 1977 | 1823 |
| $27,500 TO $29,999 | 1463 | 1362 |
| $30,000 TO $34,999 | 2040 | 1881 |
| $35,000 TO $39,999 | 1267 | 1224 |
| $40,000 TO $49,999 | 1094 | 1015 |
| $50,000 TO $74,999 | 902 | 826 |
| $75,000 OR MORE | 471 | 425 |
| MEDIAN | $ 16054 | $ 19223 |
| MEAN | $ 18825 | $ 21816 |

| WORTH | HOUSEHOLDS[1] | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 112 | 42 |
| $2,500 TO $4,999 | 251 | 69 |
| $5,000 TO $4,999 | 346 | 173 |
| $7,500 TO $9,999 | 288 | 188 |
| $10,000 TO $12,499 | 323 | 219 |
| $12,500 TO $14,999 | 343 | 243 |
| $15,000 TO $17,499 | 298 | 247 |
| $17,500 TO $19,999 | 302 | 281 |
| $20,000 TO $22,499 | 238 | 220 |
| $22,500 TO $24,999 | 199 | 173 |
| $25,000 TO $27,499 | 169 | 159 |
| $27,500 TO $29,999 | 97 | 93 |
| $30,000 TO $34,999 | 184 | 165 |
| $35,000 TO $39,999 | 113 | 99 |
| $40,000 TO $49,999 | 120 | 122 |
| $50,000 TO $74,999 | 73 | 64 |
| $75,000 OR MORE | 17 | 13 |
| MEDIAN | $ 15617 | $ 18425 |
| MEAN | $ 18549 | $ 20739 |

| WRIGHT | HOUSEHOLDS[1] | FAMILIES |
|---|---|---|
| LESS THAN $2,500 | 263 | 118 |
| $2,500 TO $4,999 | 586 | 141 |
| $5,000 TO $4,999 | 487 | 281 |
| $7,500 TO $9,999 | 500 | 320 |
| $10,000 TO $12,499 | 555 | 390 |
| $12,500 TO $14,999 | 560 | 411 |
| $15,000 TO $17,499 | 553 | 467 |
| $17,500 TO $19,999 | 435 | 376 |
| $20,000 TO $22,499 | 376 | 336 |
| $22,500 TO $24,999 | 292 | 279 |
| $25,000 TO $27,499 | 384 | 322 |
| $27,500 TO $29,999 | 201 | 186 |
| $30,000 TO $34,999 | 327 | 313 |
| $35,000 TO $39,999 | 188 | 184 |
| $40,000 TO $49,999 | 208 | 192 |
| $50,000 TO $74,999 | 177 | 175 |
| $75,000 OR MORE | 90 | 77 |
| MEDIAN | $ 15633 | $ 18537 |
| MEAN | $ 18915 | $ 21917 |

1. Households include all unrelated individuals residing together.
Source: 1980 Census of Population Housing, STEP 2, Iowa; U.S. Department of Commerce, Bureau of the Census.